





	Fresh Water	Pool Water	Sea Water
Geyser			

## GEYSER 20 T TO GEYSER 100 T

Like the Cascade nozzles, these injector nozzles also generate a water pattern that changes depending on water level, however the Geyser foam effect nozzles generate a slender, more cylindrical shaped fountain.

Thanks to the injector effect water and air are suctioned in, mixed intensively and accelerated into the air by the injector jet as an impressive soft flowing fountain. In this process a voluminous fountain is generated using relatively low pump capacities.

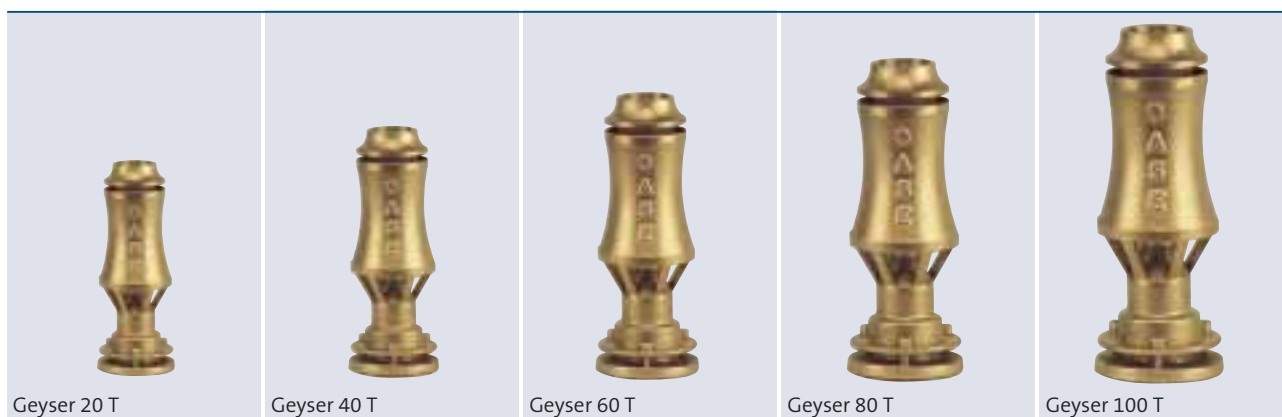
The foam effect nozzles that work depending on the water level generate a slender and higher water pattern if the normal water level is not reached. If

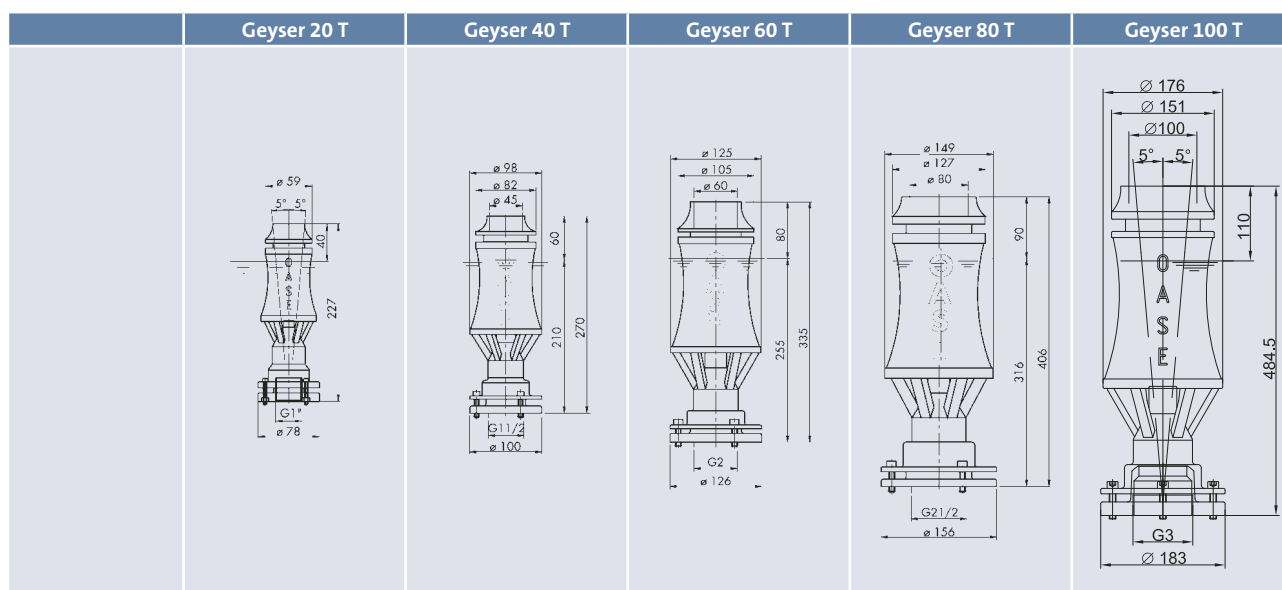
the normal water level is exceeded the water pattern is fuller and lower. This effect is particularly interesting when there are strong wave movements; then the fountains really start to dance.

In installations with a different water level, non-return valves should be provided, otherwise the water level will drop to injector height once the installation is switched off.

### Product characteristics at a glance

- Lively water effect
- Foam / spume effect
- Offers oxygen enrichment
- Adjusting flange for alignment
- Water pattern is water-level dependent

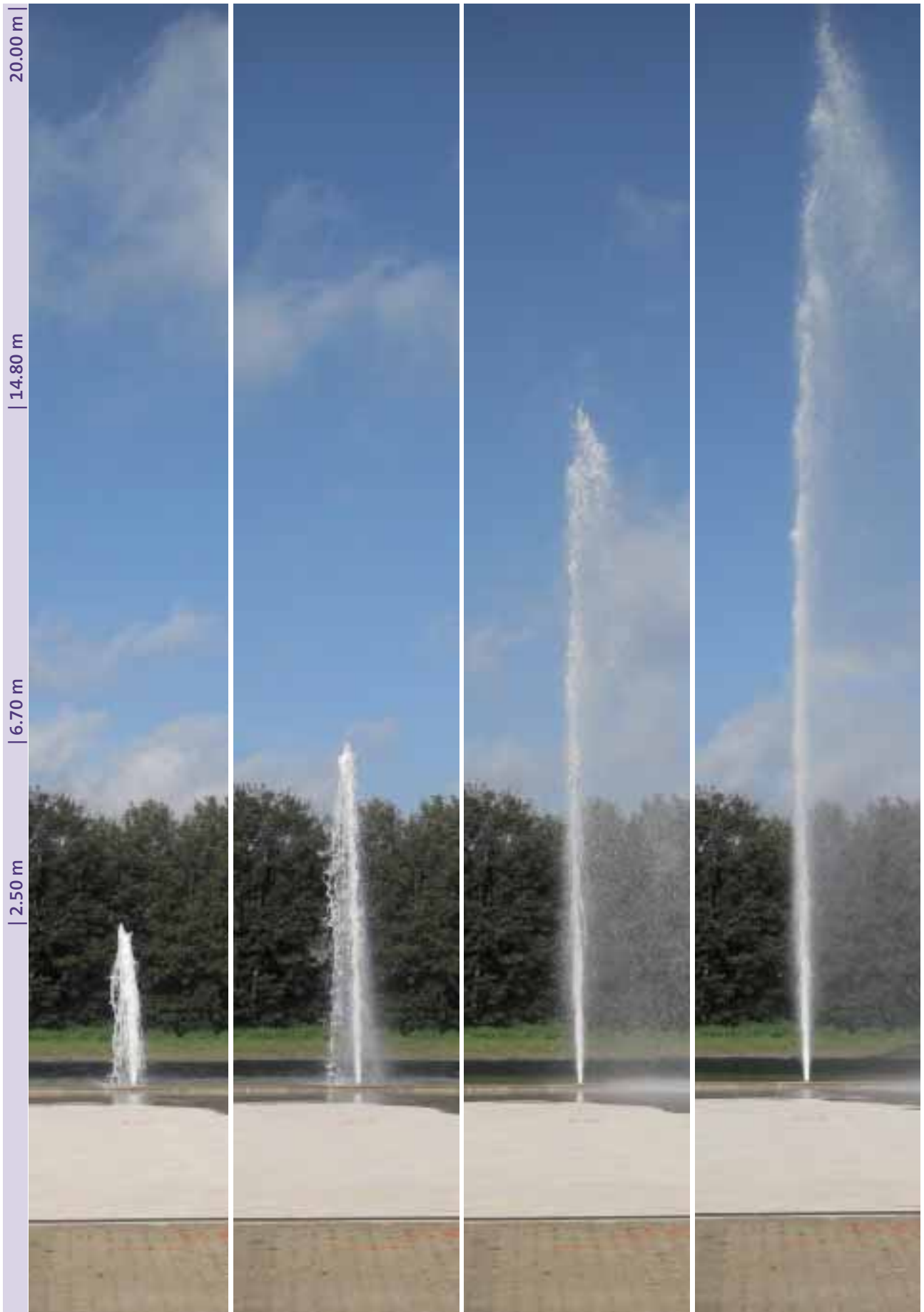




		Geysers 20 T		Geysers 40 T		Geysers 60 T		Geysers 80 T		Geysers 100 T	
Dimensions (Ø x H mm)		78 x 227		98 x 210		125 x 335		156 x 406		182 x 480	
Fountain height		DWB	DDB	DWB	DDB	DWB	DDB	DWB	DDB	DWB	DDB
		l/min	bar	l/min	bar	l/min	bar	l/min	bar	l/min	bar
0.50	[m]	30	0.20	82	0.27	128	0.24				
0.75	[m]	33	0.25	89	0.31	140	0.29				
1.00	[m]	37	0.30	95	0.35	151	0.34	242	0.37		
1.50	[m]	42	0.39	105	0.43	171	0.43	273	0.47		
2.00	[m]	47	0.49	115	0.52	189	0.53	301	0.57	459	0.56
2.50	[m]	52	0.59	124	0.60	205	0.62	327	0.67	497	0.66
3.00	[m]	56	0.69	133	0.69	220	0.72	350	0.77	532	0.75
4.00	[m]	64	0.89	149	0.86	247	0.91	394	0.97	596	0.94
5.00	[m]	71	1.08	163	1.03	272	1.09	433	1.18	653	1.13
6.00	[m]	77	1.28	176	1.20	295	1.29	469	1.38	707	1.33
7.00	[m]			188	1.38	316	1.57	503	1.59	757	1.52
8.00	[m]			199	1.55	336	1.67	534	1.79	803	1.71
10.00	[m]					373	2.06	593	2.21	890	2.10
12.00	[m]					407	2.44	646	2.62	969	2.49
14.00	[m]							696	3.04	1043	2.89
16.00	[m]							742	3.46	1112	3.28
18.00	[m]							786	3.88	1178	3.68
20.00	[m]							828	4.30	1240	4.08
25.00	[m]									1386	5.09
30.00	[m]									1519	6.12
Material		Tombac									
Weight	[kg]	1.5		3.2		5.3		9.3		16.2	
Order no.		50991		50992		50993		50994		50995	



# GEYSER 80 T







NOZZLES

CLASSIC



	Fresh Water	Pool Water	Sea Water
Mylar Lace			

## MYLAR LACE FOUNTAINS SYSTEMS

OASE-mylar lace fountain systems represent an interesting design element in fountain technology. As the water is running noiselessly and nearly without splash downwards along the special mylar laces, many possible applications are offered.

Indoors the mylar lace fountain can divide a room or form a glittering curtain as an architectural feature.

OASE mylar fountains basically consist of a bottom water reservoir and a top water distribution system with a multitude of mylar nozzles and the corresponding number of adjustable transparent mylar laces. The water reservoir comprises the complete technology - such as pump, overflow drain, freshwater refill, power supply, the mylar lace conduction plate and the underwater lights.

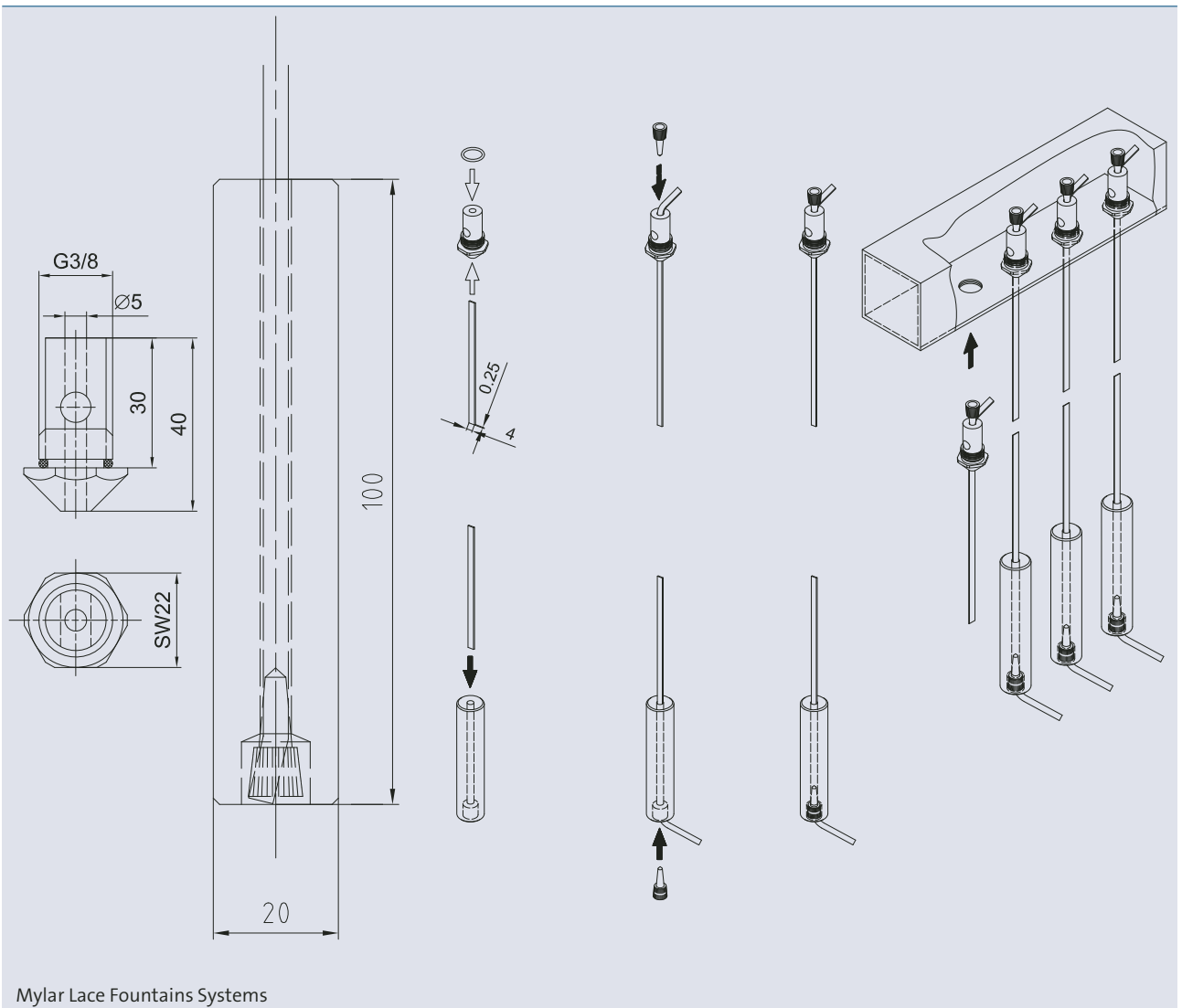
The OASE accessory program also offers other components like a water treatment with the installation of water softener, filtering and dosing plant.

### Product characteristics at a glance

- Attractive design concept
- Remarkable room divider
- Effective room humidifier



Mylar Lace Fountains Systems



Mylar Lace Fountains Systems

	Nozzle for Mylar Lace Typ FDSW22/MS	Mylar Lace Typ MF 4/025	Lace Weight, Typ FG 20/100MS
Dimensions (L x W x H) [mm]	22 x 22 x 40	4 x 0.25 x 150000	20 x 20 x 100
Water demand [l/min]	0.5	–	–
Material	brass	mylar lace	brass
Weight [kg]	0.1	0.15	0.2
<b>Order no.</b>	<b>52218</b>	<b>52219</b>	<b>52220</b>



OASE INNOVATION CENTER

Location: Hörstel

Appealing design and  
functionality:

The new MIDI/MAXI  
floating fountains.

*OASE reference object, left*



# FLOATING FOUNTAINS

FOUNTAINS ARE NOT ONLY AN ATTRACTIVE HIGHLIGHT FOR ANY BODY OF WATER, THEY ARE ALSO HEALTHY FOR THE BIOLOGICAL BALANCE

Floating fountains conjure up impressive water effects wherever standing aggregates are difficult to install: If there are fluctuating water levels, excessive water depths, or on muddy pond floors. Thanks to easy installation they can also be implemented on short notice, or the water pattern can be changed as desired.

The floating fountains stay on the surface without tipping, thanks to robust float elements. The foamed float element ensures ideal buoyancy of the floating fountains. Only the nozzle and the surface of the float element are visible; the technology remains concealed underwater.

Various easily interchangeable fountain nozzles are available for custom design of the water pattern of the floating fountains. LED illumination sets give the fountains a fascinating appearance in the evening hours.

OASE floating fountains make an additional contribution by enriching the oxygen in the body of water; a contribution toward the reduction of algae.



*Appealing design and functionality combined – with floating fountains from OASE.*

• Floating fountains	
Pond-Jet	page 60
MIDI II/MAXI II	page 62
Fountain attachments	page 64
Illumination sets	page 66



Pond-Jet with Pond-Jet-Nozzle



Schaumsprudler 35-10 E

	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
Pond-Jet 57075	✓	✓	✓	✓	✓	✓	✓	✓
Pond-Jet 54019	✓	✓	✓	✓	✓	✓	✓	✓

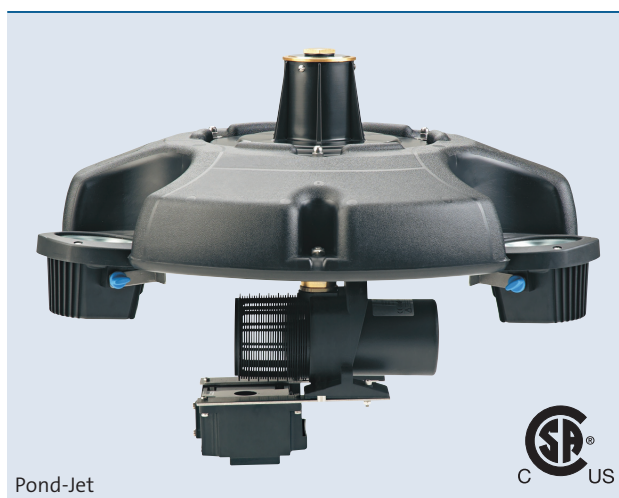
## POND-JET

Thanks to the Pond-Jet floating fountain pump, decorative fountains can easily and quickly be achieved without any complex installation.

Neither the depth of the water, nor a pond base that is very dirty or difficult to access are of significance here. Perfect for use at short notice.

### Product characteristics at a glance

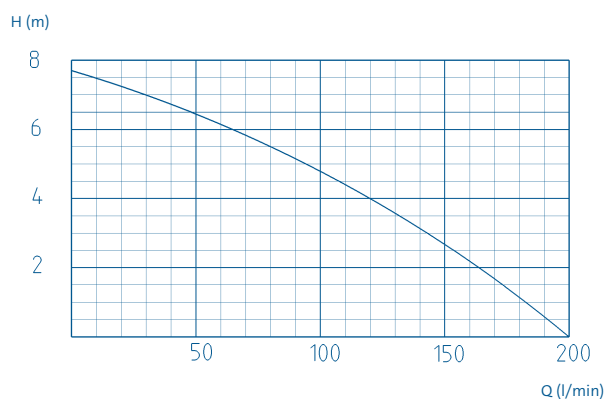
- Ready-to-connect complete aggregate, consisting of pump, float element, and Pond-Jet-nozzle with 1"-thread
- Clearly structured fountain height and spray diameter of 3 metres
- Minimum water depth in clear water is 1 m; for a muddy pond floor the minimum depth is 1.5 m
- Lighting set and additional nozzle patterns are available as accessories



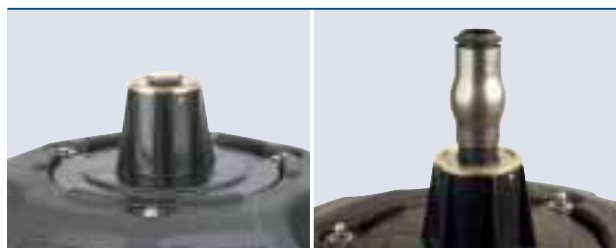
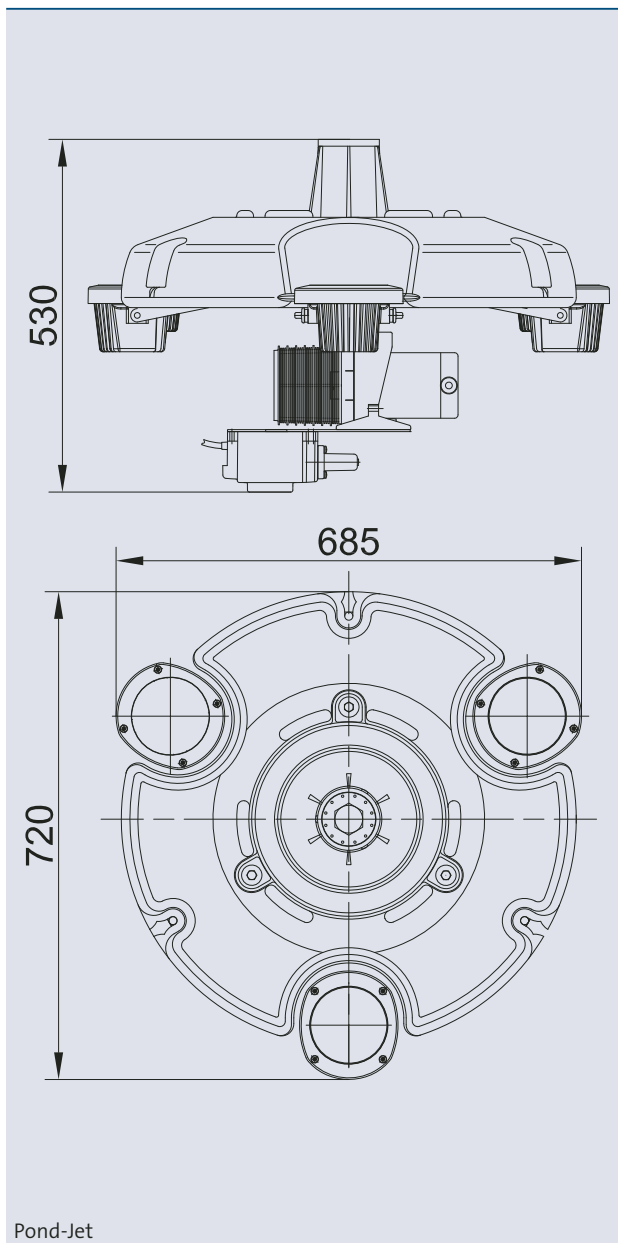
Pond-Jet



### Pump performance curve







**Pond-Jet-nozzle**  
with 1"-thread, cover and plug.

**1"-thread with nozzle**  
Here, as an example with a mounted Schaumsprudler 35-10E.



**Connection possibility**  
of the underwater lighting  
transformer.

**Accessories: Lighting set**  
Three LunAqua 10 spotlights –  
must be ordered separately.

**Accessories** (must be ordered separately)



**Illumination Set Pond-Jet**

LunAqua 10 with 50 W each	3 x	3 x
Stainless steel holder	3 x	3 x
Transformer 150 VA	1 x	1 x
Cable length	20.0 [m]	75 [ft.]
<b>Order no.</b>	<b>57083</b>	<b>51071</b>

**Fountain attachment** with 1" thread for attachment to the multi-funcion nozzle

**Schaumsprudler 35-10 E**

Fountain height [cm]	140
<b>Order no.</b>	<b>50984</b>

<b>Pond-Jet</b>		
Dimensions (Ø x H)	[mm]	670 x 540
Rated voltage	[V/Hz]	220 - 240 / 50
Power consumption	[W]	270
Flow Rate max.	[l/min.]	200
Flow Rate max.	[l/h]	12000
Head height max.	[m]	7.7
Pressure-side connection	[inch]	1"
Spray height	[m]	3.0
Filter surface area	[cm <sup>2</sup> ]	650
Cable length	[m]	20.0
Weight	[kg]	approx. 11.0
<b>Order no.</b>		<b>57075</b>

<b>Pond-Jet</b>		
Dimensions (Ø x H)	[ft]	2.2 x 1.8
Operating Voltage	[V / Hz]	110-120 / 60
Power Consumption	[W / A]	260 / 2.2
Flow Rate max.	[gpm]	40
Flow Rate max.	[gph]	2400
Head Height max.	[ft.]	28
Nozzle Connection	[in.]	1
Pattern Height max.	[ft.]	10
Pattern Width max.	[ft.]	10
Cable length	[ft.]	75
Weight	[lbs.]	16.8
<b>Order no.</b>		<b>54019</b>

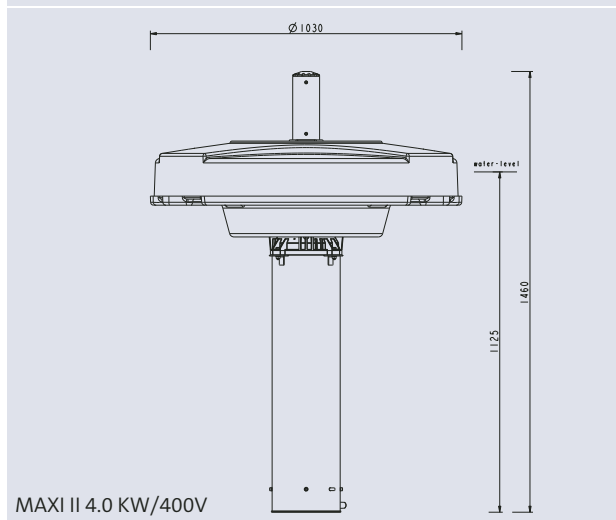
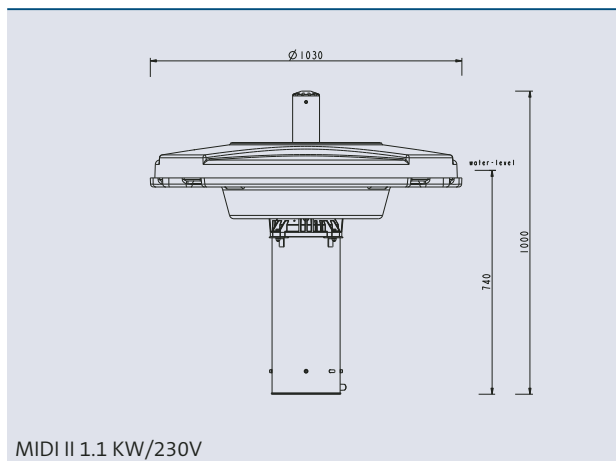


	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
MIDI II 1.1 kW / 230 V	✓	✓	✓	✓	✓	✓	✓	✓
MIDI II 2.2 kW / 400 V	✓	✓	✓	✓	✓	✓	✓	✓
MAXI II 4.0 kW / 400 V	✓	✓	✓	✓	✓	✓	✓	✓
MIDI II 2HP / 230 V 60 Hz	✓	✓	✓	✓	✓	✓	✓	✓
MAXI II 5HP / 3-Phase	✓	✓	✓	✓	✓	✓	✓	✓

## FLOATING FOUNTAIN MIDI II / MAXI II

### Product characteristics at a glance

- Models from 1.1 to 4.0 KW and 2 HP to 5 HP
- Complete, ready-to-connect fountain in different motor horse powers
- Four easy-change nozzle patterns with 3" standard threads
- Foamed float for extraordinary stability and minimum noise
- Stainless steel pump basket
- Mounting set included
- Optional lighting set



Easy to install, low-maintenance and with an attractive design: The new MIDI/MAXI floating fountain features for interesting water effects both day and night.

Three different motor power outputs with confirming to standards earthed plugs (230 V) and motor circuit breaker or CEE plug (400 V) offer solutions for different bodies of water and conditions. Optimised water pressure creates impressive heights for the four available nozzle patterns with 3" standard threads for fast changing. The easy-to-install LunAqua 10 LED/01 illumination set provides for impressive illumination of the water features with a height of up to 16.5 m.



**Schuko plugs + control box**

The 230V version is delivered ready for operation with control box and Schuko connector.



**CEE-connector + protection switch**

The 400V version comes with a ready-to-connect, 5-pole CEE connector and motor protection switch

	MIDI II 1.1 KW/230V	MIDI II 2.2 KW/400V	MAXI II 4.0 KW/400V		MIDI II 2HP/230V 60Hz	MAXI II 5HP/3-Phase
Dimensions incl. Nozzle (Ø x H) [mm]	1030x 1000	1030 x 1040	1030 x 1460	[in.]	46 x 28	46 x 38
Motor power [kW]	1.1	2.2	4.0	[W/A]	2749 / 13.2	3738 / 19.8
Pump output [l/h]	22000	39000	39000	[l/h]		
Minimum water depth [mm]	1000	1000	1250	[ft.]	3	4
Protection class	IP 68	IP 68	IP 68		IP 68	IP 68
Rated current (230V/400V) [A]	7.3	5.5	9.6	[W/A]	2749 / 13.2	3738 / 19.8
Voltage [V/Hz]	230 AC / 50	400 AC / 50	400 AC / 50	[V/Hz]	230 / 60	208-230 / 60
Weight [kg]	43	40	60	[lbs]	88	132
Pump cable set (length) [m]	50	50	50	[ft.]	600	450
<b>Order no.</b>	<b>50365</b>	<b>50370</b>	<b>50371</b>		<b>50372</b>	<b>50374</b>



# MIDI II / MAXI II FOUNTAIN ATTACHMENTS

FLOATING FOUNTAINS

FOUNTAIN ATTACHMENTS MIDI / MAXI



1



2



1



2

Geyser Jet 30

High Jet 30

Fresh Water	Pool Water	Sea Water



Geyser Jet 30

High Jet 30

Fountain attachments	1 Geyser Jet 30			2 High Jet 30		
<b>Pump power</b>	<b>1.1 kW/230 V</b>	<b>2.2 kW/400 V</b>	<b>4 kW/400 V</b>	<b>1.1 kW/230 V</b>	<b>2.2 kW/400 V</b>	<b>4 kW/400 V</b>
Fountain height (total) [m]	5.0	8.0	12.0	9.0	11.5	16.5
Fountain height (1st step) [m]	–	–	–	–	–	–
Nozzle spray diameter [m]	1.7	2.2	2.7	3.0	3.2	3.5
<b>Order no.</b>	<b>50377</b>			<b>50375</b>		

All MIDI/MAXI attachments comes with 3"-thread.

Please find more information on our nozzles on page 32.



3



4



3

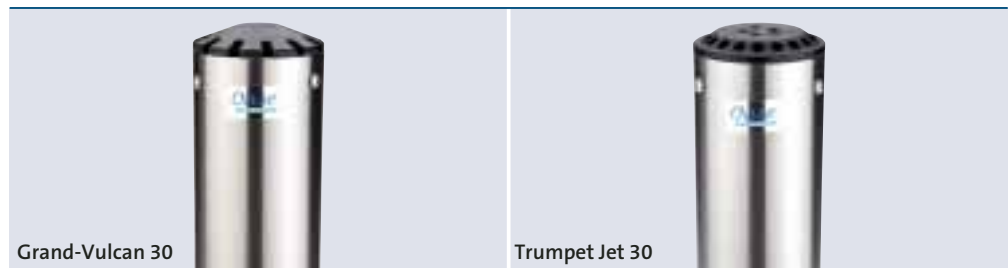


4

Grand-Vulcan 30

Trumpet Jet 30

Fresh Water	Pool Water	Sea Water



Grand-Vulcan 30

Trumpet Jet 30

Fountain attachments	3 Grand Vulcan 30			4 Trumpet Jet 30		
<b>Pump power</b>	<b>1.1 kW/230 V</b>	<b>2.2 kW/400 V</b>	<b>4 kW/400 V</b>	<b>1.1 kW/230 V</b>	<b>2.2 kW/400 V</b>	<b>4 kW/400 V</b>
Fountain height (total) [m]	3.0	5.0	7.0	5.0	7.0	9.5
Fountain height (1st step) [m]	–	–	–	1.2	1.5	2.5
Nozzle spray diameter [m]	4.0	6.0	6.8	4.0	5.5	7.5
<b>Order no.</b>	<b>50376</b>			<b>50378</b>		

All MIDI/MAXI attachments comes with 3"-thread.

Please find more information on our nozzles on page 40.



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
Illumination Set Pond-Jet 57083	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Illumination Set Pond-Jet 51071	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Illumination Set MIDI/MAXI/AirFlo	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## ILLUMINATION SETS POND-JET / MIDI II / MAXI II

### ILLUMINATION SET POND-JET



Illumination Set Pond-Jet




### ILLUMINATION SET MIDI II / MAXI II



Illumination Set MIDI / MAXI / AirFlo LED/01





Illumination Set Pond-Jet	Illumination Set Pond-Jet	Illumination Set MIDI/MAXI/AirFlo LED/01
 <p>This illumination set includes three LunAqua 10 halogen spotlights and comes with UST 150 transformes, cables and a special mounting kit.</p> <p>By this, it is very easy to retrofit.</p>	 <p>This illumination set includes three LunAqua 10 halogen spotlights and comes with UST 150 transformes, cables and a special mounting kit.</p> <p>By this, it is very easy to retrofit.</p>	 <p>For an impressive floating fountain even at night – as easy as our proven MIDI/MAXI/ AirFlo system, we offer you a LED version of our illumination kit with three spotlights each. A unique connection system makes it very easy to install the spotlights on the float. The UST 150 transformer is mounted easily to the pump basket directly.</p>
<b>Set of 3 Halogen</b>	<b>Set of 3 Halogen</b>	<b>Set of 3 LED</b>
3 x LunAqua 10, each with a 50 W halogen bulb	3 x LunAqua 10, each with a 50 W halogen bulb	3 x LunAqua 10 LED, each with a 10 W LED bulb
3 x Light mounting brackets	3 x Light mounting brackets	3 x Light mounting brackets
1 x Special stainless steel holder for fastening the transformer	1 x Special stainless steel holder for fastening the transformer	3 x Special stainless steel holder for fastening the transformer
1 x Safety transformer 150 VA, 230 V-12 V, 50 Hz incl. 20.0 m cable	1 x Safety transformer 150 VA, 120 V-12 V, 60 Hz incl. 75 ft. cable	1 x Safety transformer 150 VA, 230 V-12 V, 50 Hz incl. 50.0 + 2.0 m cable
<b>Order no. 57083</b>	<b>51071</b>	<b>50479</b>



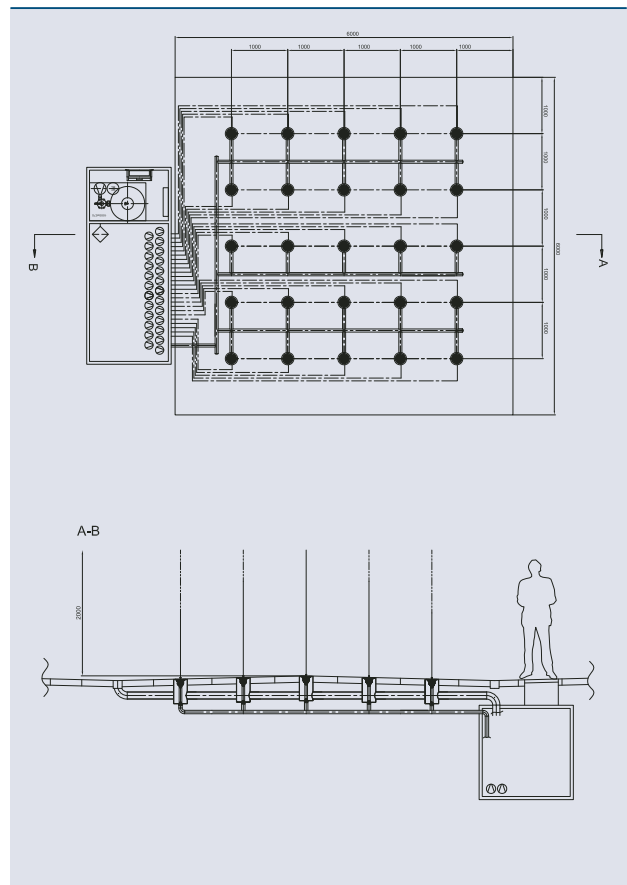


## SYSTEM – EXAMPLE »MATRIX 25«

Fun for everyone: Five times five pumps, each with Komet nozzles and LED spotlights can be individually controlled via DMX technology and to create an interactive water experience. The Nozzle Chambers make an invisible and easy installation possible. Such a matrix can generate different water compositions such as a pyramid or a suspended carpet in a wide variety of colours.

**The following OASE products are used amongst others:**

- Varionaut 150
- ProfiPlane
- Comet
- Nozzle Chamber Single
- Easy Control



# PUMPS BRING WATER INTO ACTION

## CONTROLLABLE PUMPS

## CLASSIC PUMPS

Pumps ensure that we can take pleasure in the never-ending play of water; they enable fountains, water features, water-courses, and water falls to come alive.

OASE offers the suitable pump for any requirement; the innovative controllable Varionaut-pumps or the classic pump. The new generation of Varionaut-pumps are DMX/RDM controlled and can send information back to the control panel, e.g. running time and electronic temperature. These status requests require remote diagnosis and remote maintenance which are the service concept of the future.

The Varionaut 1/DMX/01 is renamed in Varionaut 90 24 V/DMX/02 and RDM capable (90=max. flow rate, 02=RDM capable) also the Varionaut 2/DMX/01 in Varionaut 150/DMX/02.

New in Varionaut Range:  
 Varionaut 150 24 V/DMX/02  
 Varionaut 365/DMX/02



• <b>Controllable Pumps</b>	
Varionaut	page 70
• <b>Classic Pumps</b>	
Water feature pumps	page 78
Universal pumps	page 82
Block centrifugal pumps	page 84
Submersible motor-driven pumps	page 86



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
Varionaut 90 24V/DMX/02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Varionaut 1 /A/DMX/01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## VARIONAUT 90 24V/DMX/02, VARIONAUT 1

A 24 V/DC indoor and outdoor fountain pump which is suitable for underwater application directly below the nozzles. It fulfills the national regulations of DC current up to 30 V. Any single pump can be individually regulated and controlled via the DMX/RDM connection. That way dynamic water effects can be created easily.

The Varionaut 90 or Varionaut 1/A itself produces water displays of up to 1.90 m height – in combination with Comet 5-8 Silver nozzles. It comes with a high-quality stainless steel filter housing, along with 2 connection boxes for the 24 V power supply (only the Varionaut 90) and DMX data source. Through this special connection technology, wiring by hand is no longer necessary. Spotlights and

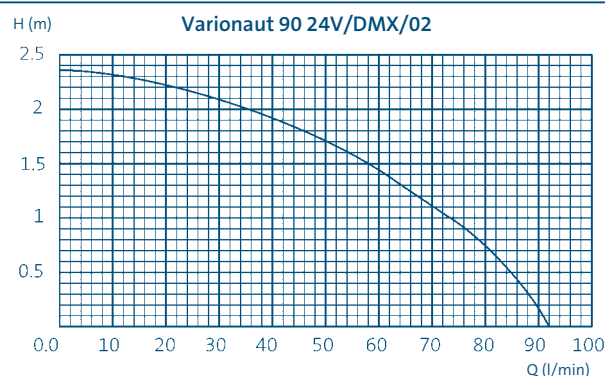
other consumer loads (e.g. LED spotlights) can be connected easily to DMX/RDM of the pump.

### Product characteristics at a glance

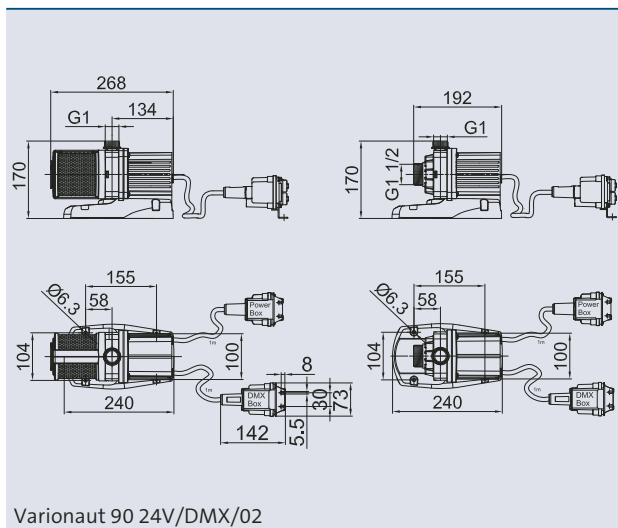
- 24 Volt DC continuous current indoor and outdoor fountain pump
- Can be placed directly below the nozzles in the water as DC up to 30V/DC is approved by national regulations
- Suitable for wet or dry installation
- Power consumption of max. 53 W
- Reverse polarity protection
- 1m power cable with power box and 1m DMX cable with DMX box
- Frost protected up to -20° C
- IP 68 rated



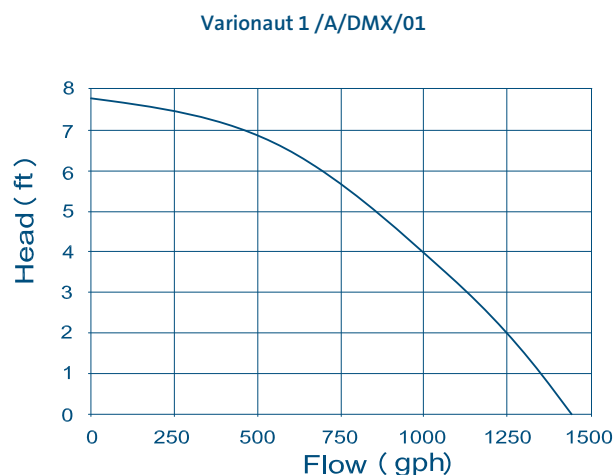
Varionaut 90 24V/DMX/02







Varionaut 90 24V/DMX/02



To operate the Varionaut 90 or Varionaut 1/A an OASE Easy Control or OASE WECS is required (not included).

**Accessories** (must be ordered separately)

<b>Comet 5-8 Silver</b> (see page 26)	50762
<b>Comet 5-8 T</b> (see page 28)	50962

Connecting cable DMX/01 (see page 120)	Order no.
Connecting cable DMX/1.0 m/01	12368
Connecting cable DMX/3.0 m/01	12369
Connecting cable DMX/5.0 m/01	12371
Connecting cable DMX/10.0 m/01	12372
Connecting cable DMX/20.0 m/01	12373
End Resistant for Bus-System DMX/01	12007

Connecting cable 24V DC/01 (see page 118)	Order no.
Connecting cable 24V DC /1.0 m/01	12762
Connecting cable 24V DC /3.0 m/01	12552
Connecting cable 24V DC /7.5 m/01	12553
Connecting cable 24V DC /15.0 m/01	11720

<b>PowerBox 24 V DC / 01</b> (see page 118)	50493
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<b>Underwater power supply 250/24 V/01</b> (see page 122)	50733
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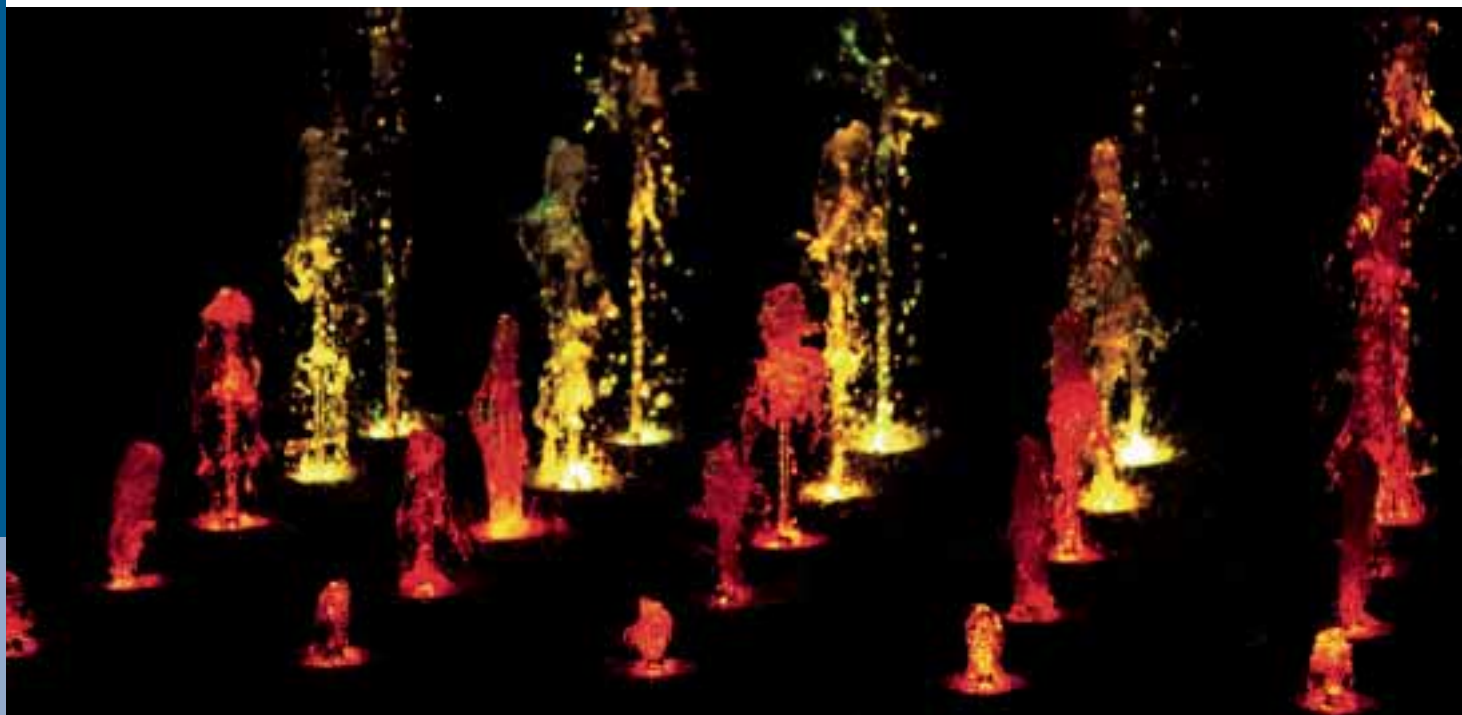
<b>Easy Control</b> (see page 126)	50289
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<b>Easy Control</b> (see page 126)	50175
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<b>WECS 1024</b> (see page 128)	50596
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<b>WECS 2048</b> (see page 128)	50597
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	Varionaut 90 /24V/DMX/02		Varionaut 1 /A/DMX/01	
Motor Type/ Electronic	24V DC EC-Motor, DMX controlled		24V DC EC-Motor, DMX controlled	
Hmax	[m]	2.45	[ft]	8.0
Qmax	[l/min]	90	[gph]	1430
Power max.	[W]	60	[W]	60
Dynamic behaviour speed: (time to reach full fountain height from 0 – 100 %) with comet 5-8	[s]	0.6	[s]	0.6
Qmin (offset mode – DMX 0)	[l/min]	26	[gph]	412
Max. Powering up / min. Off time	[s]	1 x per minute / 10	[s]	1 x per minute / 10
Nominal voltage	[V/DC]	24	[V/DC]	24
Immersion depth max.	[m]	4	[ft]	13
Protection class		IP 68		IP 68
Dimensions incl. filter (LxWxH)	[mm]	268 x 142 x 170	[inch]	10.6 x 5 x 6.7
Suction side connection	[inch]	1 ½	[inch]	1 ½
Pressure side connection	[inch]	1	[inch]	1
Weight	[kg]	3.7	[lb]	8
Filter housing		stainless steel / plastic	[m]	stainless steel / plastic
Filter surface	[cm²]	200		0.21
Pump housing		plastic	[sq.ft]	plastic
Input DMX		1 m BUS cable with DMX box		3 ft BUS cable with DMX box
Input power		1 m power cable with power box		20 ft power cable without power box
Number of DMX channels		2 channels (control channel, speed channel)		2 channels (control channel, speed channel)
Environmental conditions: submersible application	[°C]	Water temperature: min. 4 to max. 35	[°C]	Water temperature: min. 4 to max. 35
Environmental conditions: dry application	[°C]	Ambient temperature: max. 30 with natural convection, max. 40 with forced convection, no direct sun exposure permitted	[°C]	Ambient temperature: max. 30 with natural convection, max. 40 with forced convection, no direct sun exposure permitted
<b>Order no.</b>		<b>50136</b>		<b>50309</b>



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
Varionaut 150 24V/DMX/02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## VARIONAUT 150 24V/DMX/02

The Varionaut 150 24V/DMX/02 is a DMX-RDM compatible 24 Volt DC pump. It fulfils national regulations of DC continuous current up to 30 V which permits this pump to be used directly below the nozzles in the pool. This individually regulated pump creates dynamic water effects. The Varionaut 150 24 V itself produces fountains of up to 3.1 m height in combination with Comet 10-12 T nozzles.

The Varionaut 150 24V is the big sister of the Varionaut 90 24V. It comes with a high-quality stainless steel filter housing, along with 2 connection boxes for the 24 V power supply and

DMX/RDM data source. Through this special connection technology, wiring by hand is no longer necessary. Spotlights and other consumer loads (e.g. LED spotlights) can be connected easily to DMX/RDM of the pump.

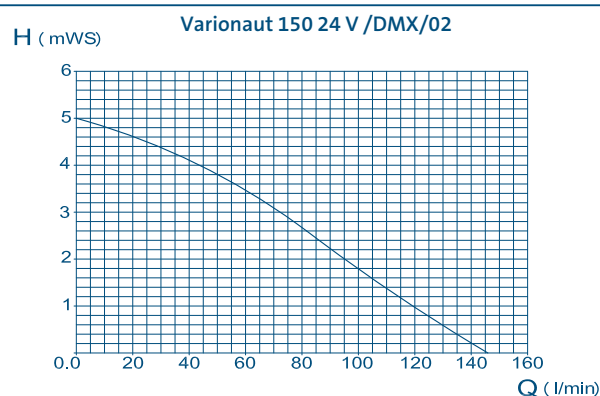
### Product characteristics at a glance

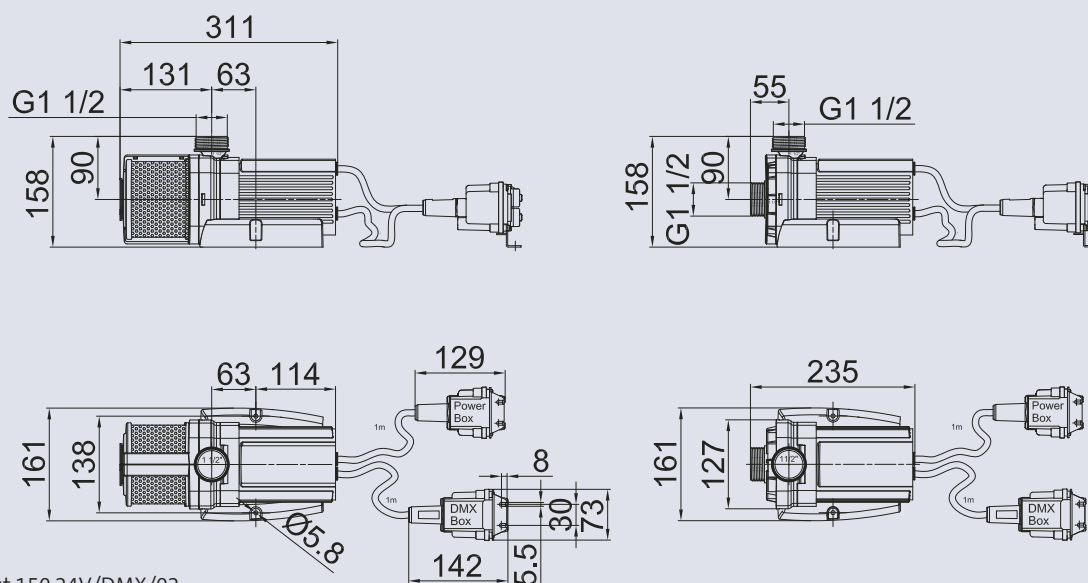
- 24V / DC fountain pump for indoor and outdoor application
- Suitable for wet installation
- Power consumption of max. 120 W
- Reverse polarity protection
- With 1 m BUS and power cable, each with a connection box
- Frost protected up to -20° C
- All parts IP 68 rated

INNOVATION – MADE BY OASE



Varionaut 150 24V/DMX/02





Varionaut 150 24V/DMX/02

To operate the Varionaut 150 24 V an OASE Easy Control or OASE WECS is required (not included).

**Accessories** (must be ordered separately)

<b>Comet 10-12 T</b> (see page 28)	<b>50968</b>
<b>Reducing Sleeve 15x10</b> (see page 197)	<b>51032</b>
<b>Connecting cable DMX/01</b> (see page 120)	<b>Order no.</b>
Connecting cable DMX/1.0 m/01	<b>12368</b>
Connecting cable DMX/3.0 m/01	<b>12369</b>
Connecting cable DMX/5.0 m/01	<b>12371</b>
Connecting cable DMX/10.0 m/01	<b>12372</b>
Connecting cable DMX/20.0 m/01	<b>12373</b>
End Resistant for Bus-System DMX/01	<b>12007</b>

<b>Connecting cable 24V DC/01</b> (see page 118)	<b>Order no.</b>
Connecting cable 24V DC /1.0 m/01	<b>12762</b>
Connecting cable 24V DC /3.0 m/01	<b>12552</b>
Connecting cable 24V DC /7.5 m/01	<b>12553</b>
Connecting cable 24V DC /15.0 m/01	<b>11720</b>
<b>PowerBox 24 V DC / 01</b> (see page 118)	<b>50493</b>
<b>Underwater power supply 250/24 V/01</b> (see page 122)	<b>50733</b>
<b>Easy Control</b> (see page 126)	<b>50289</b>
<b>Easy Control</b> (see page 126)	<b>50175</b>
<b>WECS 1024</b> (see page 128)	<b>50596</b>
<b>WECS 2048</b> (see page 128)	<b>50597</b>

		<b>Varionaut 150 24V/DMX/02</b>
Motor Type / Electronic		24V DC EC-Motor, DMX Controlled (DMX-RDM enabled)
Hmax	[m]	5
Qmax	[l/min]	145
Power max.	[W]	120
Dynamic behaviour speed: (time to reach full fountain height from 0 – 100 %) with Comet 10-12	[s]	1
Qmin (offset mode – DMX 0)	[l/min]	22
Max. Powering up / min. Off time		1 x per minute / 10 s
Nominal voltage	[V/DC]	24
Immersion depth max.	[m]	4
Protection class		IP 68
Dimensions incl. filter (LxWxH)	[mm]	311 x 161 x 158
Suction side connection	[inch]	1 ½
Pressure side connection	[inch]	1 ½
Weight	[kg]	5
Filter housing		stainless steel / plastic
Filter surface	[cm²]	ca. 220
Pump housing		plastic
Input DMX		1m BUS cable with DMX box
Input power		1m 24V power cable with power box
Number of DMX channels		2 channels (control channel, speed channel)
Environmental conditions: submersible application	[°C]	Water temperature: min. 4 to max. 35
Environmental conditions: dry application	[°C]	Ambient temperature: max. 30°C with natural convection, max. 40 with forced convection, no direct sun exposure permitted
<b>Order no.</b>		<b>50665</b>





	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
Varionaut 150/DMX/02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Varionaut 2 /A/DMX/01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## VARIONAUT 150/DMX/02, VARIONAUT 2/A/DMX/01

The 230 Volt – alternating current – version of the Varionaut manages to connect to a Comet 10-12 T shoot to height of up to 3.50 m. Any single pump can be individually regulated and controlled by the DMX connection. With this dynamic water effects can be created easily.

The Varionaut 150/DMX/02 comes with a power connection cable of 10 m and a DMX cable of 1 m. With these special connection boxes, hand wiring is no longer necessary. Spotlights and other consumer loads (eg. LED spotlights) can easily be connected to the DMX of the pump.

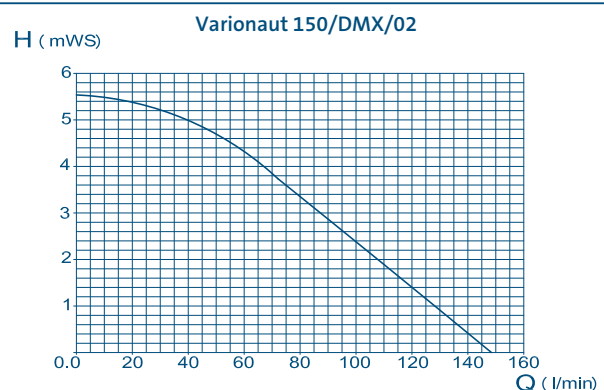
The Varionaut 150/DMX/02 has a power consumption of 130 W and a power supply of AC 220-240V 50/60Hz.

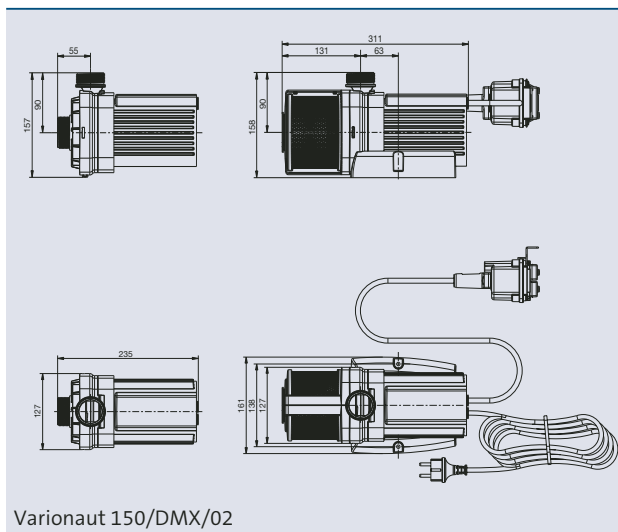
### Product characteristics at a glance

- 230V/AC fountain pump with alternating current for the application indoor and outdoor
- Suitable for wet or dry installation
- Power consumption of max. 130 W
- 10m power cable with plug and 1m DMX cable with DMX box
- IP 68 rated
- RDM-DMX capable

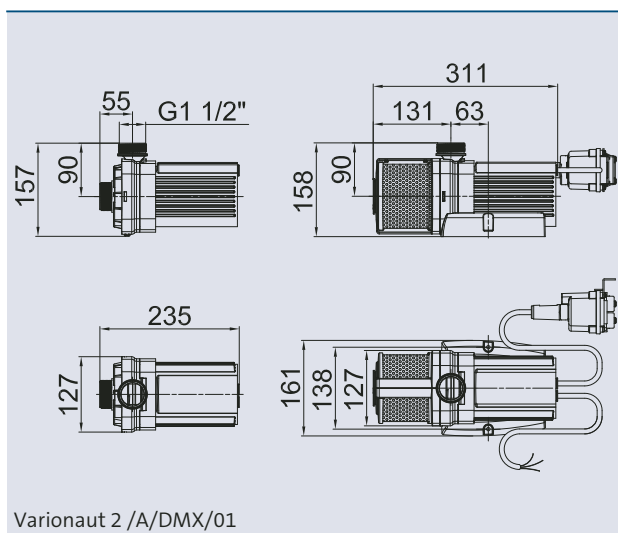


Varionaut 150/DMX/02





Varionaut 150/DMX/02

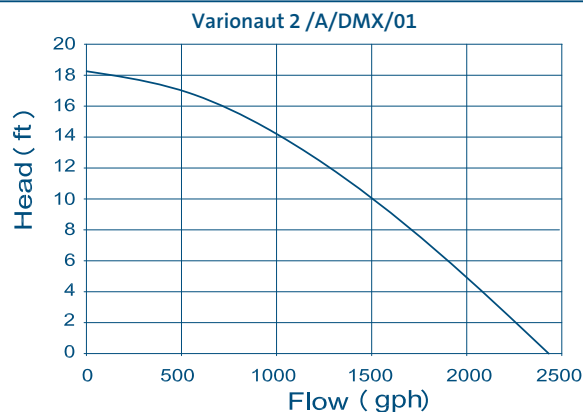


Varionaut 2 /A/DMX/01

To operate the Varionaut 150 or Varionaut 2/A an OASE Easy Control or OASE WECS is required (not included).

**Accessories** (must be ordered separately)

<b>Comet 10-12 T</b> (see page 28)	50968
<b>Reducing Sleeve 15x10</b> (see page 197)	51032
<b>Connecting cable DMX/01</b> (see page 120)	<b>Order no.</b>
Connecting cable DMX/1.0 m/01	12368
Connecting cable DMX/3.0 m/01	12369
Connecting cable DMX/5.0 m/01	12371
Connecting cable DMX/10.0 m/01	12372
Connecting cable DMX/20.0 m/01	12373
End Resistant for Bus-System DMX/01	12007
<b>Easy Control</b> (see page 126)	50175
<b>Easy Control</b> (see page 126)	50289
<b>WECS 1024</b> (see page 128)	50596
<b>WECS 2048</b> (see page 128)	50597



	Varionaut 150/DMX/02		Varionaut 2 /A/DMX/01	
Motor Type/ Electronic	230V EC-Motor, DMX controlled		230V EC-Motor, DMX controlled	
Hmax	[m]	5.6	[ft]	17.4
Qmax	[l/min]	150	[gph]	2400
Power max.	[W]	130	[W]	130
Dynamic behaviour speed: (time to reach full fountain height from 0 – 100 %) with Comet 10-12	[s]	1	[s]	1
Qmin (offset mode – DMX 0)	[l/min]	24	[gph]	380
Max. Powering up / min. Off time	[s]	1 x per minute / 10	[s]	1 x per minute / 10
Nominal voltage	[V/Hz]	220-240, 50/60	[V/Hz]	220-240, 50/60
Immersion depth max.	[m]	4	[ft]	13
Protection class		IP 68		IP 68
Dimensions incl. filter (LxWxH)	[mm]	311 x 161 x 158	[inch]	12.3 x 6.4 x 6.3
Suction side connection	[inch]	1 ½	[inch]	1 ½
Pressure side connection	[inch]	1 ½	[inch]	1 ½
Weight	[kg]	4.9	[lb]	10.8
Filter housing		stainless steel / plastic		stainless steel / plastic
Filter surface	[cm²]	223	[sq.ft]	0.24
Pump housing		plastic		plastic
Input DMX		1 m BUS cable with DMX box		3 ft BUS cable with DMX box
Input power		10 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)
Environmental conditions: submersible application	[°C]	Water temperature: min. 4 to max. 35	[°C]	Water temperature: min. 4 to max. 35
Environmental conditions: dry application	[°C]	Ambient temperature: max. 30 with natural convection, max. 40 with forced convection, no direct sun exposure permitted	[°C]	Ambient temperature: max. 30 with natural convection, max. 40 with forced convection, no direct sun exposure permitted
<b>Order no.</b>		<b>50343</b>		<b>50344</b>



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
Varionaut 365/DMX/02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## VARIONAUT 365/DMX/02

The Varionaut 365/DMX/02 is the strongest DMX-RDM compatible pump. This individually regulated pump creates dynamic water effects – it manages to reach the maximum fountain height in only 1.8 sec.

The Varionaut 365/DMX/02 comes with a power connection cable of 10 m and a DMX/RDM connection box, hence hand wiring is no longer necessary. Spotlights and other consumer loads (e.g.

LED spotlights) can be connected easily to DMX/RDM of the pump. The DMX/RDM controlled Varionaut pumps can send information back to the control panel, e.g. running time and electronic temperature. These status requests require remote diagnosis and remote maintenance which are the service concept of the future. The Varionaut 365 dispose of a very high control resolution – step response is smaller than 1 % of the total height.

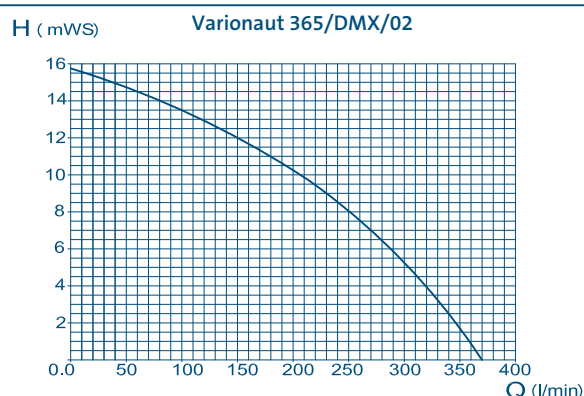
### INNOVATION – MADE BY OASE



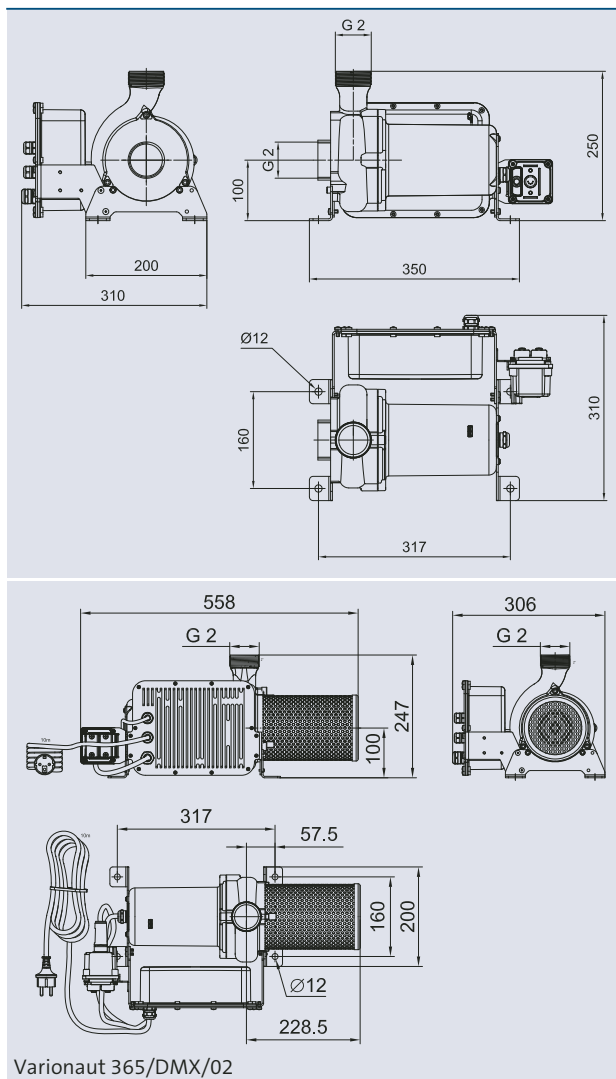
Varionaut 365/DMX/02

### Product characteristics at a glance

- Without initial current
- Continuously variable by DMX (flow rate)
- RDM - DMX capable
- Suitable for wet or dry installation
- 10 m power cable with plug and DMX connection box
- IP 68 rated







Varionaut 365/DMX/02

**Accessories** (must be ordered separately)

Comet 10-14 T (see page 28)	50969
Comet 15-17 T (see page 28)	50970
Comet 15-20 T (see page 28)	50971
Comet 10-14 Silver (see page 26)	50723
Comet 15-17 Silver (see page 26)	50724
Rotating Nozzle 5-15 E (see page 42)	50967
Reducing Sleeve 15x10 (see page 197)	51032
Reducing Sleeve 20x15 (see page 197)	51030

Connecting cable DMX/01 (see page 120)	Order no.
Connecting cable DMX/1.0 m/01	12368
Connecting cable DMX/3.0 m/01	12369
Connecting cable DMX/5.0 m/01	12371
Connecting cable DMX/10.0 m/01	12372
Connecting cable DMX/20.0 m/01	12373
End Resistant for Bus-System DMX/01	12007

Easy Control (see page 126)	50289
Easy Control (see page 126)	50175

WECS 1024 (see page 128)	50596
WECS 2048 (see page 128)	50597

		Varionaut 365/DMX/02
Motor Type / Electronic		230V EC-Motor, DMX controlled
Hmax	[m]	16
Qmax	[l/min]	365
Power max.	[W]	800
Dynamic behaviour speed: (time to reach full fountain height from 0 – 100 %)		Response time approx. 1.8 s based on max. height. Step response < 1% of the total fountain height?
Qmin (offset mode – DMX 0)	[l/min]	45
Max. Powering up / min. Off time		1 x per minute / 10 s
Nominal voltage	[V], [Hz]	230, 50/60
Immersion depth max.	[m]	4
Protection class		IP 68
Dimensions incl. filter (LxWxH)	[mm]	560 x 310 x 250
Suction side connection	[inch]	thread G2 (internal thread)
Pressure side connection	[inch]	thread G2 (external thread)
Weight	[kg]	17
Filter housing		stainless steel
Filter surface	[cm²]	approx. 1100
Pump housing		Brass Casting
Input DMX		0.5 m BUS-cable with DMX box
Input power		10 m power cable with plug
Number of DMX channels		2 channels (control channel, speed channel)
Environmental conditions: submersible application	[°C]	Water temperature: min. 4 to max. 35
Environmental conditions: dry application	[°C]	Ambient temperature: max. 30 with natural convection, max. 40 with forced convection, no direct sun exposure permitted
<b>Order no.</b>		<b>50526</b>

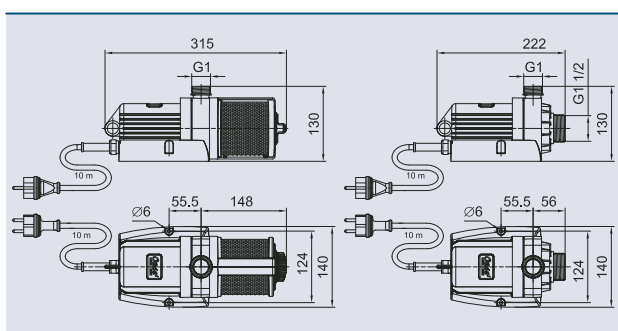


	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
Aquarius Universal 5000								

## AQUARIUS UNIVERSAL 5000

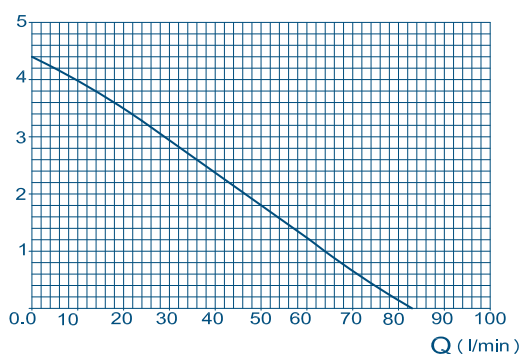
### Product characteristics at a glance

- Extremely quiet operation
- Easy adjustment of the flow rate
- Integrated thermal protection – from 600 onwards
- Suitable for wet or dry installations
- Energy-efficient thanks to low energy consumption
- Frost-resistant to  $-20\text{ }^{\circ}\text{C}$
- High-quality workmanship with stainless steel
- Priming even at low water levels
- Removable pedestal for installation where space is at a premium



Aquarius Universal 5000

H (mWS) Aquarius Universal 5000



Aquarius Universal 5000

Dimensions (L x W x H)	[mm]	315 x 140 x 130
Rated voltage	[V/Hz]	220–240 / 50
Power consumption	[W]	85
Power cable length	[m]	10
Net weight	[kg]	3.42
Max. flow rate	[l/min]	83
Max. flow rate	[l/h]	5000
Max. head height	[m]	4.50
Connection, pressure-side	[inch]	1
Connection, suction-side	[inch]	1 ½
Connection for hoses	[inch]	1, 1 ¼, 1 ½
Filter intake surface	[cm <sup>2</sup> ]	200
Electronic adjustment		Yes
<b>Order no.</b>		<b>56617</b>

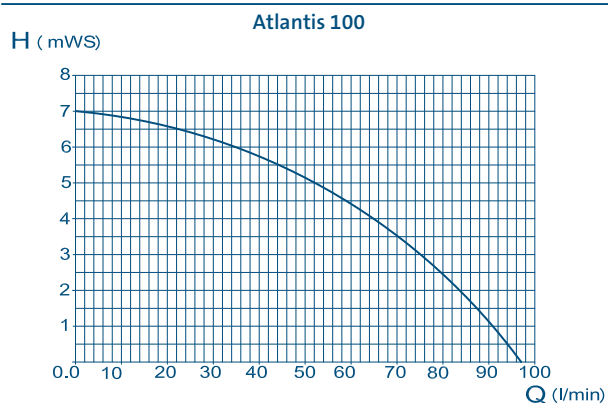


	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC
Atlantis 100										

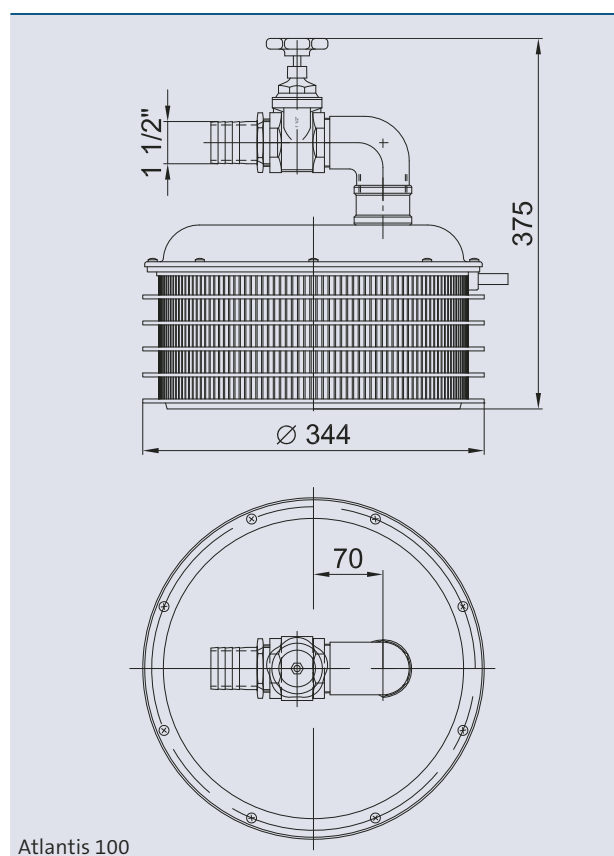
## ATLANTIS 100

### Product characteristics at a glance

- Submersible motor-driven pump with high-volume filter basket for Jumping Jet Rainbow Flash II
- Integrated thermo protection



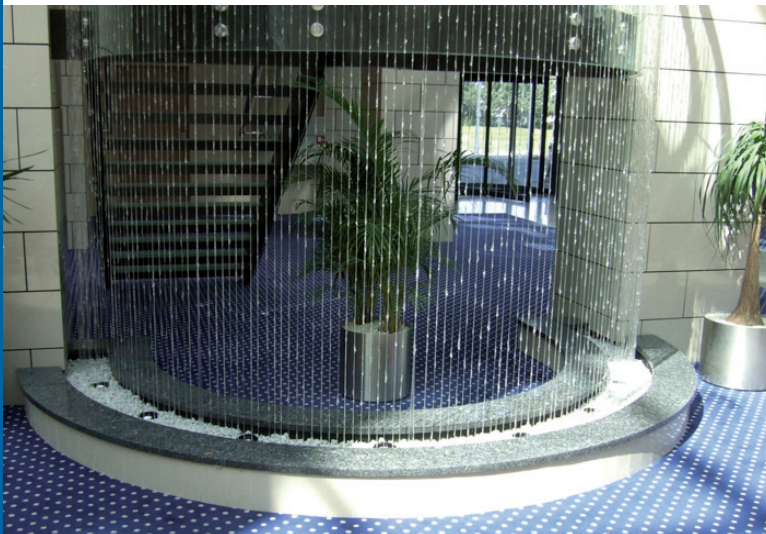
Atlantis 100



Atlantis 100

Atlantis 100		
Dimensions (ø x H)	[mm]	344 x 375
Nominal voltage	[V/Hz]	230 / 50
Power consumption	[W]	260
Nominal current	[A]	1
Pressure side connection	[inch]	1 ½
Connection cable length	[m]	10
Weight	[kg]	8.6
<b>Order no.</b>		<b>51038</b>





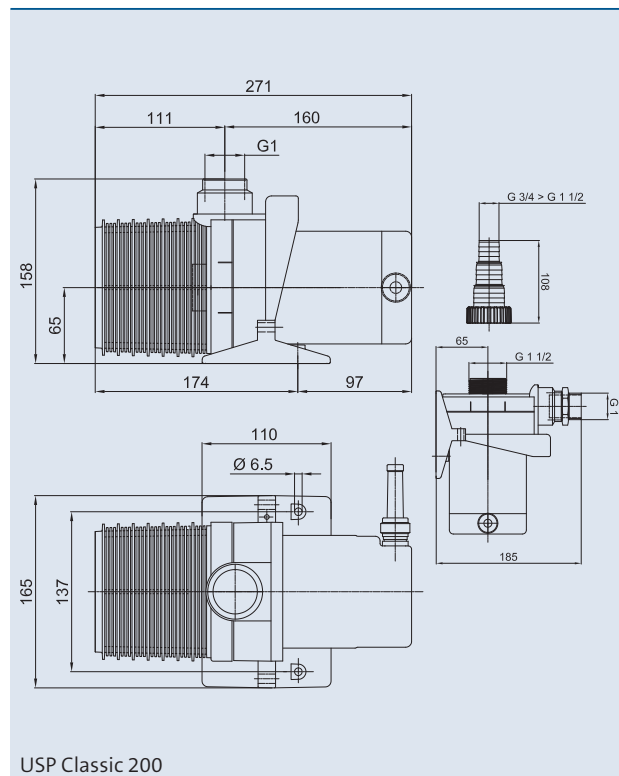
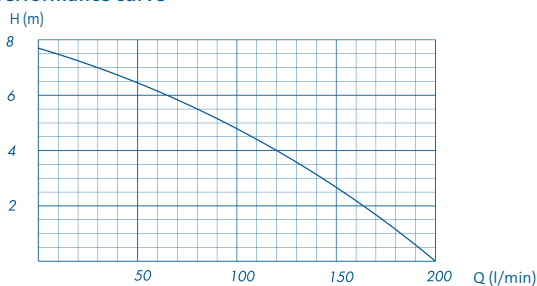
	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
USP Classic 200								

# USP CLASSIC 200

## Product characteristics at a glance

- Suitable for wet and dry installations
- Robust wet-running canned motor
- Wear-free static seals
- Bearings and motor shaft are made of special ceramics
- Motor housing and can are made of stainless steel
- High-volume filter basket made of high-quality plastic
- Including hose connection adapters

### Pump performance curve



USP Classic 200



USP Classic 200

USP Classic 200		
Dimensions (L x W x H)	[mm]	271 x 158 x 165
Rated voltage	[V/Hz]	230 / 50
Power consumption	[W]	270
Nominal current	[A]	1
Pressure side connection	[inch]	1
Suction side connection	[inch]	1 ½
Filter surface	[cm <sup>3</sup> ]	1325
Connection cable length	[m]	20
Material		V2A, Tb, ABS
Weight	[kg]	5.0
<b>Order no.</b>		<b>56734</b>



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
Atlantis 350								

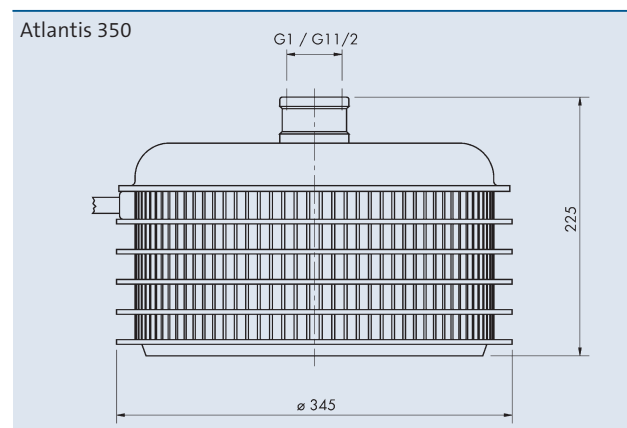
## ATLANTIS 350

This high-performance submersible water feature-/motor-driven pump has been specially designed for underwater operation in spray fountain installations. The use of high quality materials such as stainless steel, tombac, and glass-fibre reinforced materials underline its solid construction.

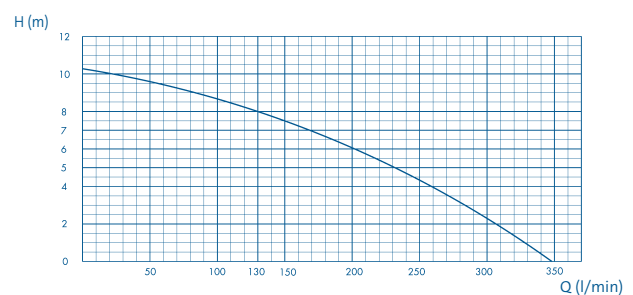
The pump has a robust wet-running canned motor and works without shaft seal. Motor, pump shaft and bearings are made of oxide ceramic, which contributes to endurance that is especially quiet with low friction.

### Product characteristics at a glance

- Symmetric form for maximum stability
- Robust wet-running canned motor
- High-volume filter basket made of high-quality plastic



### Pump performance curve



Atlantis 350

Atlantis 350		
Dimensions (ø x H)	[mm]	345 x 225
Rated voltage	[V/Hz]	230 / 50
Power consumption	[W]	550
Nominal current	[A]	2.6
Pressure side connection	[inch]	1, 1 1/2
Filter surface	[cm <sup>3</sup> ]	1325
Connection cable length	[m]	10
Material		V2A, Tb, ABS
Weight	[kg]	17.0
<b>Order no.</b>		<b>52004</b>





	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
USP 412 W	✓	✓	✓	✓	✓	✓	✓	✓
USP 413 D	✓	✓	✓	✓	✓	✓	✓	✓
USP 512 W	✓	✓	✓	✓	✓	✓	✓	✓
USP 513 D	✓	✓	✓	✓	✓	✓	✓	✓
USP 662 W	✓	✓	✓	✓	✓	✓	✓	✓
USP 663 D	✓	✓	✓	✓	✓	✓	✓	✓
USP 813 D	✓	✓	✓	✓	✓	✓	✓	✓
USP H 673 D	✓	✓	✓	✓	✓	✓	✓	✓

## USP 412 – USP 813

These pumps are true universal talents: Set up underwater they perform their work as submersible motor-driven pumps. They work just as reliably if they are set up in a separate pump chamber.

The robust wet-running canned motors have static seals. Inrushing water poses no problem for these pumps because they can be submersed. In addition thanks to the high-quality materials, such as special ceramics, stainless steel, and tombac, they are durable and offer an extremely long service life.

### Product characteristics at a glance

- Suitable for wet and dry installations
- Robust wet-running canned motor
- Wear-free static seals
- Bearings and motor shaft are made of special ceramics
- Shaft, can and pump impeller are made of stainless steel
- Housing made of corrosion resistant tombac alloy

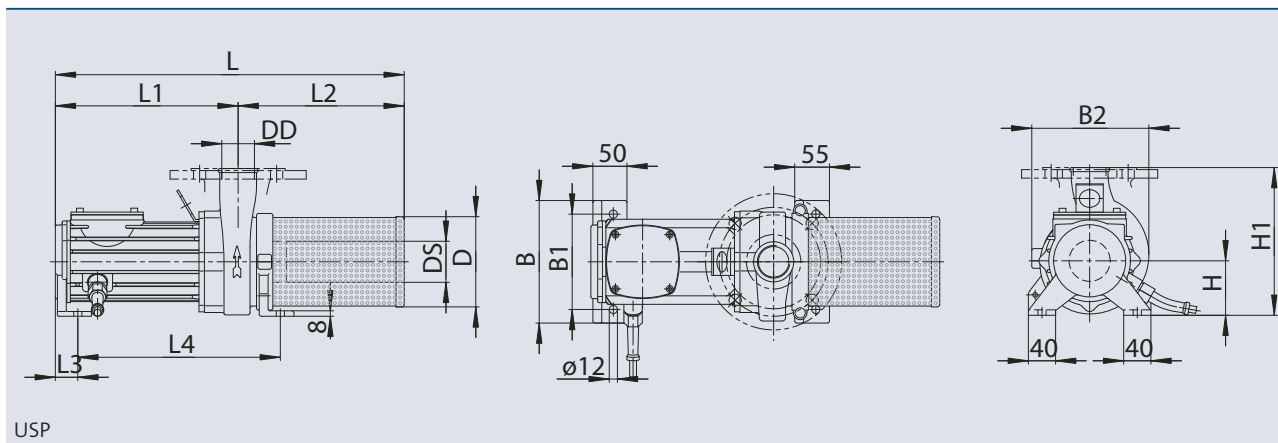


USP 412 W

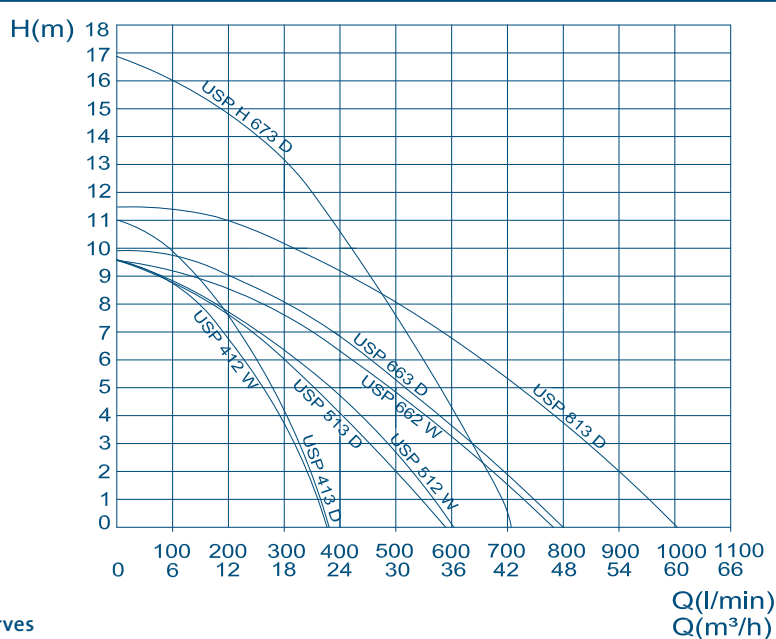


USP 813 D





USP



Pump performance curves

	USP 412 W	USP 413 D	USP 512 W	USP 513 D	USP 662 W	USP 663 D	USP 813 D	USP H 673 D
Dimensions (LxWxH) [mm]	512 x 180 x 220	512 x 180 x 220	551 x 240 x 280	551 x 240 x 280	679 x 240 x 310	679 x 240 x 310	696 x 240 x 290	679 x 240 x 310
Voltage [V/Hz]	1x 230 / 50	3x 400 / 50	1x 230 / 50	3x 400 / 50	1x 230 / 50	3x 400 / 50	3x 400 / 50	3x 400 / 50
Power output [kW]	0.52	0.49	0.60	0.77	1.12	1.18	1.50	1.55
Current [A]	2.20	0.95	3.30	1.30	4.70	2.10	2.90	3.10
B [mm]	180	180	240	240	240	240	240	240
B1 [mm]	140	140	200	200	200	200	200	200
B2 [mm]	178	178	210	210	230	230	255	230
DD [inch]	1 ½	1 ½	2	2	2 ½	2 ½	DN 80	2 ½
DS [inch]	2	2	2 ½	2 ½	3	3	3	3
D [mm]	130	130	150	150	170	170	200	170
H [mm]	80	80	115	115	115	115	115	115
H1 [mm]	220	220	280	280	310	310	290	310
L [mm]	512	512	551	551	679	679	696	679
L1 [mm]	268	268	252	252	305	305	308	305
L2 [mm]	244	244	299	299	374	374	388	374
L3 [mm]	33	33	36	36	36	36	36	36
L4 [mm]	297	297	285	285	330	330	347	330
Cable length [m]	10.0							
Material [mm]	Tombac / Stainless steel							
Weight [kg]	22.0	22.0	31.0	31.0	37.0	37.0	42.0	37.0
Order no.	55721	55720	55727	55726	55732	55731	55735	56506



BT 0.55-40 to BT 22.0-125	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz

## BT 0.55-40 TO BT 22.0-125

BT block centrifugal pumps are strong, uncomplicated pumps that are used wherever space is limited.

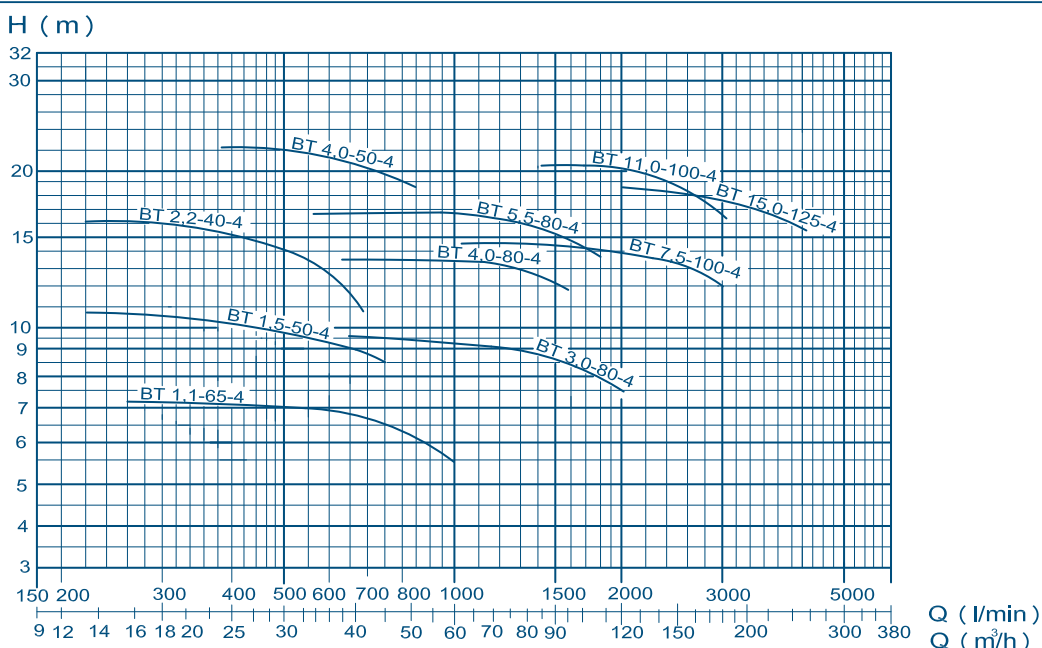
### Product characteristics at a glance

- Dimensions and connections in accordance with DIN standards
- Motor in accordance with IEC standard
- Maintenance-free slide ring seal
- Enclosed impeller with high efficiency
- Dry installation only



BT 0.55-40

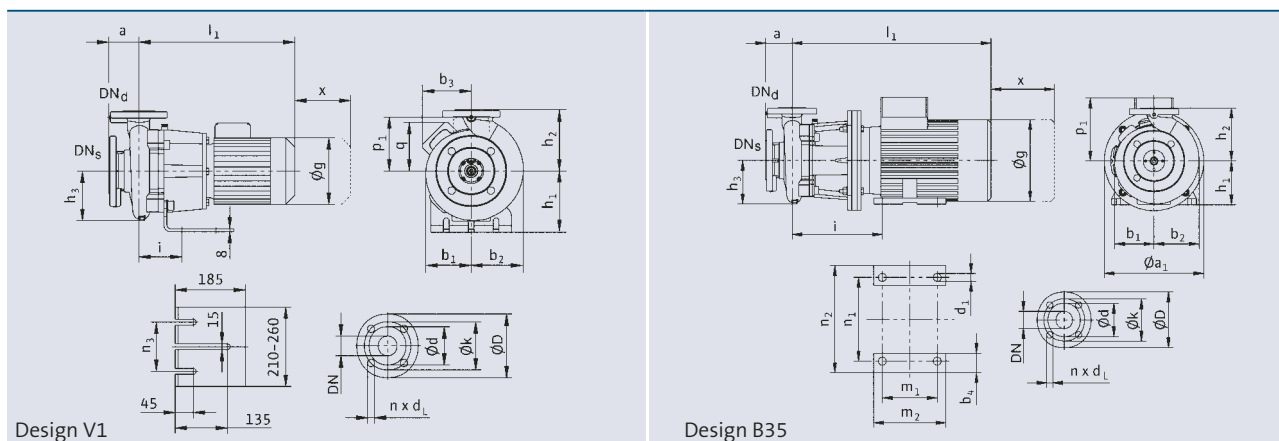
Pump performance curves



Thanks to their compact design they have very small space requirements. All dimensions and connections are DIN standard; this ensures universal implementation.

BT block centrifugal pumps are normal suction centrifugal pumps in spiral housings for dry installation with a motor in accordance with IEC standards. They comprise few parts that are important for their function,

which reduces maintenance work to a minimum. The few maintenance tasks that are necessary are executed quickly and easily. Thanks to the low rpm the pumps are very quiet in operation and are more durable. The enclosed impeller is highly efficient. The robust BT block centrifugal pumps are delivered as standard in grey cast iron. Upon request these pumps can also be delivered in special materials, such as bronze.



	2.2-40-4	1.5-50-4	4.0-50-4	1.1-65-4	3.0-80-4	4.0-80-4	5.5-80-4	7.5-100-4	11.0-100-4	15.0-125-4
Dimensions (LxWxH) [mm]	611x360x296	556x340x274	696x405x360	564x360x298	653x385x356	733x450x367	789x382x367	795x412x410	832x440x432	1011x515x514
Power output [kW]	2.20	1.50	4.00	1.10	3.00	4.00	5.50	7.50	11.0	15.0
Current [A]	4.7	3.4	8.2	2.6	6.4	8.2	11.4	15.2	21.5	28.5
Voltage [V/50 Hz]	400	400	400	400	400	400	400/YD	400/YD	400/YD	400/YD
Design	V1	V1	V1	V1	V1	V1	B35	B35	B35	B35
DN S [mm]	65	65	65	80	100	100	100	125	125	150
DN D [mm]	40	50	50	65	80	80	80	100	100	125
a [mm]	100	100	100		125	125	125	125	140	140
b1 [mm]	145	127	174	136	160	170	170	176	200	235
b2 [mm]	151	147	186	162	196	197	197	211	232	279
b3 [mm]	117	144	117	144	115					
b4 [mm]							53	53	60	60
d1 [mm]							12	12	15	15
g [mm]	202	186	227	181	202	227	266	266	319	319
h1 [mm]	180	160	132	160	160		180	132	132	180
h2 [mm]	180	180	225	200	225	250	250	280	280	355
h3 [mm]	145	152	179	155	185	178	178	196	222	256
i [mm]	124	122	131	130	137	143	318	262	383	419
l1 [mm]	511	456	596	464	528	608	664	692	792	871
n3 [mm]	180	130	180	130	180					
m1 [mm]							140	178	210	254
m2 [mm]							180	218	256	300
n1 [mm]							216	216	254	254
n2 [mm]							256	256	300	320
p1 [mm]				168	188	188	188	250	197	197
q [mm]	117		117	138						
t [mm]	60		68	75						
u [mm]	116		116	133						
x [mm]	100	120	110	120	135	120	120	120	130	140
ds [mm]	118	118	118	145	160	160	160	180	184	211
ks [mm]	145	145	145	160	180	180	180	210	210	240
n [mm]	4	4	4	8	8	8	8	8	8	8
dL [mm]	19	19	19	19	19	19	19	19	19	19
Material	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG
Weight [kg]	65.0	56.0	84.0	60.0	88.0	86.0	106.0	119.0	173.0	231.0
Order no.	57041	57044	57046	57048	57051	57052	57053	57056	57057	57060





SPA 22 - SPA 280	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz

## SPA 22 - SPA 280

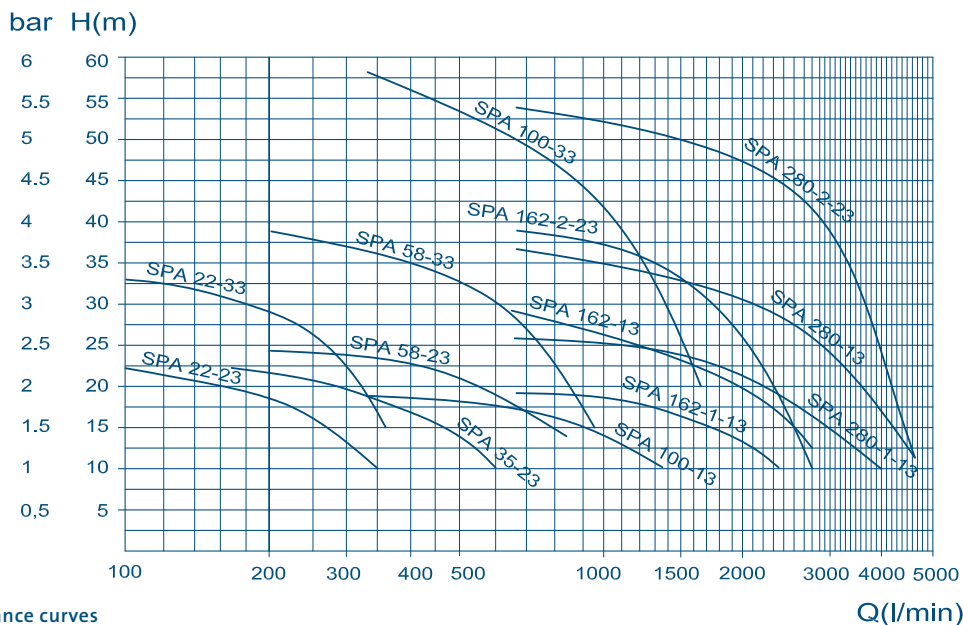
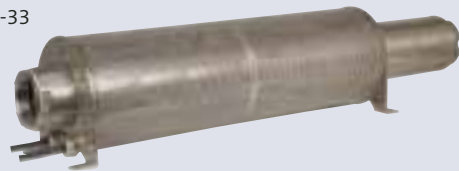
These multistage structured submersible motor-driven pumps are the powerful heart for high delivery heads.

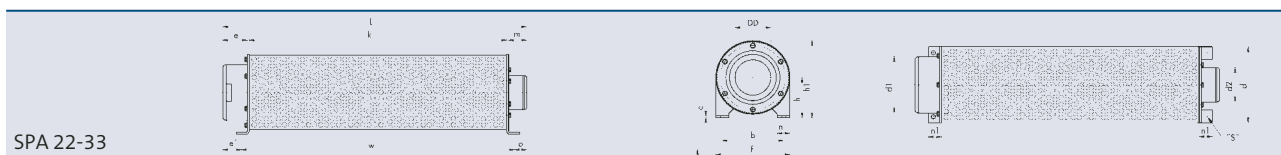
These pumps can supply single fountains as well as group fountains with sufficient water volumes and pressure for larger spray heights. Thus they are preferred in installations in which the delivery head of single-stage pumps are no longer required.

### Product characteristics at a glance

- Extremely shallow and slender design
- Multistage submersible motor pump
- Suitable for higher delivery heights
- High-volume filter basket
- Good stability
- Robust wet-running canned motor
- All parts made of stainless steel

SPA 58-33





SPA 22-33

	SPA 22-23	SPA 22-33	SPA 35-23	SPA 58-23	SPA 58-33	SPA 100-13	SPA 100-33
Dimensions (LxWxH) [mm]	680x225x229	888x225x229	898x225x229	970x225x229	1150x225x229	1162x310x314	1508x310x314
Voltage [V/Hz]	3x 400/50						
Power output [kW]	1.1	2.2	2.2	3	5.5	5.5	11
Current [A]	2.75	6	6	7.85	13.6	13.6	24.8
b [mm]	189	189	189	189	189	274	274
c [mm]	4	4	4	4	4	4	4
DD (Rp) [inch]	2.5	2.5	3	3	3	5	5
d [mm]	131	131	225	225	225	310	310
d1 [mm]	225	225	131	141	150	186	186
d2 [mm]	95	95	95	95	138	138	138
e [mm]	80	80	80	100	100	120	120
e1 [mm]	57	57	57	77	77	97	97
f [mm]	229	229	229	229	229	314	314
h [mm]	123	123	123	123	123	165	165
h1 [mm]	237	237	237	237	237	322	322
k [mm]	500	500	500	750	750	750	1000
L [mm]	680	888	898	970	1150	1162	1508
m [mm]	92	300	310	112	292	284	380
n [mm]	40	40	40	40	40	40	40
n1 [mm]	44	44	44	44	44	44	44
o [mm]	69	277	287	89	269	261	357
w [mm]	554	554	554	804	804	804	1054
s [mm]	11	11	11	11	11	11	11
Cable length [m]	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Material	Stainless steel V2A						
Weight [kg]	20.0	28.0	28.0	31.0	54.0	66.0	91.0
Order no.	53834	53835	53839	53845	53846	53852	53854

	SPA 162-1-13	SPA 162-13	SPA 162-2-23	SPA 280-1-13	SPA 280-13	SPA 280-2-23
Dimensions (LxWxH) [mm]	1165x310x314	1255x310x314	1441x310x314	1489x310x314	1544x310x314	1910x310x314
Voltage [V/Hz]	3x 400/50					
Power output [kW]	7.5	11	13	15	18.5	30
Current [A]	17.6	24.8	30	34	42	66.5
b [mm]	274	274	274	274	274	274
c [mm]	4	4	4	4	4	4
DD (Rp) [inch]	6	6	6	6	6	6
d [mm]	310	310	310	310	310	310
d1 [mm]	218	218	218	247	247	247
d2 [mm]	138	138	138	138	138	138
e [mm]	120	120	120	120	120	120
e1 [mm]	92	92	92	96	96	96
f [mm]	314	314	314	314	314	314
h [mm]	165	165	165	165	165	165
h1 [mm]	322	322	322	322	322	322
k [mm]	750	750	1000	1000	1250	1500
L [mm]	1165	1255	1441	1489	1544	1910
m [mm]	287	377	313	361	166	282
n [mm]	40	40	40	40	40	40
n1 [mm]	44	44	44	44	44	44
o [mm]	269	359	295	339	144	260
w [mm]	804	804	1054	1054	1304	1554
s [mm]	11	11	11	11	11	11
Cable length [m]	10.0	10.0	10.0	10.0	10.0	10.0
Material	Stainless steel V2A					
Weight [kg]	85.0	93.0	103.0	104.0	111.0	132.0
Order no.	53858	53859	53860	53864	53865	53866



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
AquaMax Gravity Eco								

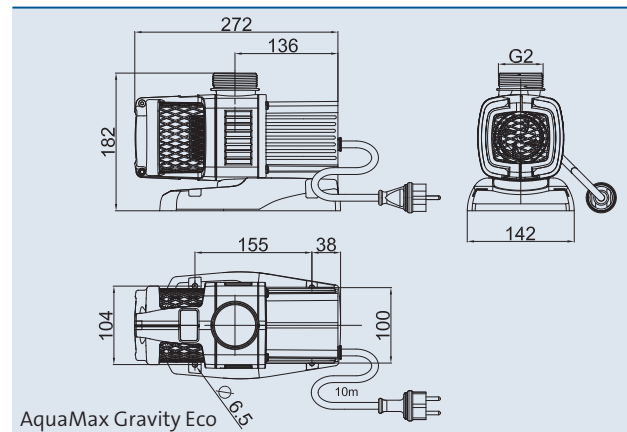
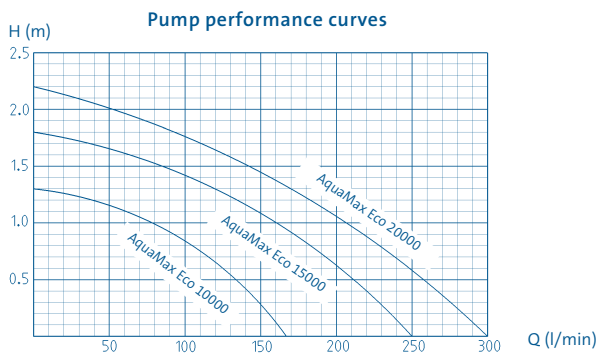
## AQUAMAX GRAVITY Eco 10000/15000/20000

### Product characteristics at a glance

- Coarse pollutant displacement of particles up to 6 mm in size
- Flow-optimised impellers ensure a high-level of energy efficiency
- Long service life
- Suitable for wet or dry-installed

- Suitable for use in swim ponds and bathing ponds
- Includes adaptor set  
2"/DA 63 and DA 75/DA 100

Unique and highly economical filtration pumps: Especially developed to meet the requirements in gravity operated filter installations (gravitation principle).



AquaMax Gravity Eco

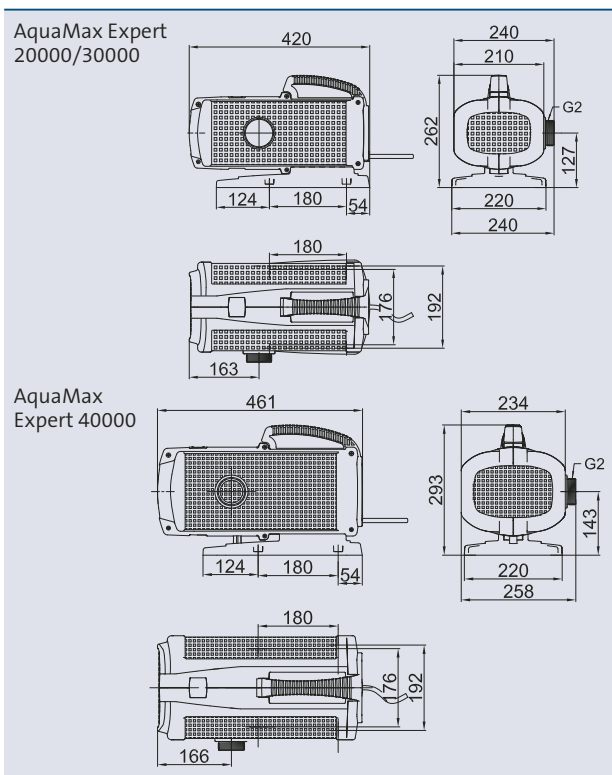
AquaMax Gravity Eco		10000	15000	20000
Dimensions (L x W x H)	[mm]	272 x 142 x 182		
Rated voltage	[V/AC]	220 – 240 V / 50 Hz		
Power consumption	[W]	65	85	120
Nominal current	[A]	0.57	0.41	0.54
Litres per minute max.	[l/min]	167	250	300
Litres per hour max.	[l/h]	10000	15000	18000
Head height max.	[m]	1.3	1.8	2.2
Pressure-side connection		2"	2"	2"
Suction-side connection		2"	2"	2"
Hose connection		2"	2"	2"
Weight	[kg]	4.0	4.0	4.0
Cable length	[m]	10.0	10.0	10.0
<b>Order no.</b>		<b>57091</b>	<b>57092</b>	<b>57093</b>





	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
AquaMax Expert								

## AQUAMAX EXPERT 20000/30000/40000

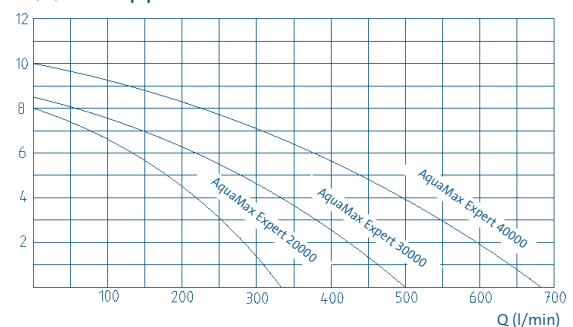


AquaMax Expert

### Product characteristics at a glance

- Outstanding flow rate
- Displacement of coarse particles up to 8 mm
- Extremely stable
- Can remain in the pond during winter even if frozen in completely
- Suitable for wet and dry installation

H (m) Pump performance curves



AquaMax Expert		20000	30000	40000
Dimensions (L x W x H)	[mm]	420 x 240 x 262	420 x 240 x 262	461 x 258 x 293
Rated voltage	[V/Hz]	220 - 240 / 50	220 - 240 / 50	220 - 240 / 50
Power consumption	[Watt]	450	650	1100
Nominal current	[A]	2.04	2.84	4.57
Flow rate max.	[l/min]	333	500	683
Flow rate max.	[l/h]	20000	30000	41000
Head height max.	[m]	8.0	8.5	10.0
Hose connection	[inch]	1", 1 1/2", 2"	1", 1 1/2", 2"	1", 1 1/2", 2"
Pressure side connection	[inch]	2"	2"	2"
Suction side connection	[inch]	2"	2"	2 1/2"
Filter surface	[cm <sup>2</sup> ]	1320	1320	1620
Weight	[kg]	13.88	13.76	19.18
Cable length	[m]	10	10	10
<b>Order no.</b>		<b>56873</b>	<b>56874</b>	<b>56875</b>



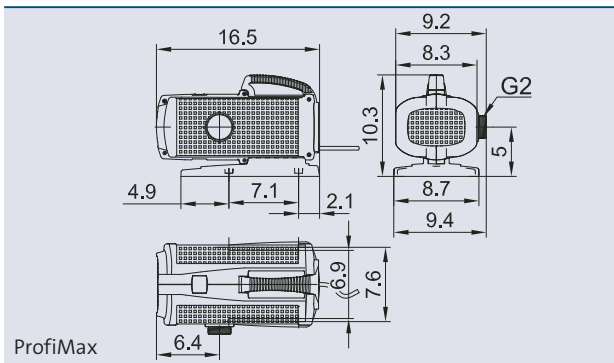
	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
ProfiMax 7000								

## PROFIMAX FILTER AND WATERCOURSE PUMP

ProfiMax is ideal for larger installations that demand higher flow rates or applications where the pump might be exposed to debris in the water. ProfiMax excels under these conditions. In addition, ProfiMax can be converted for use in in-line installations. As with all OASE pumps its feature is state-of-the-art motor technology with built-in overheating protection.

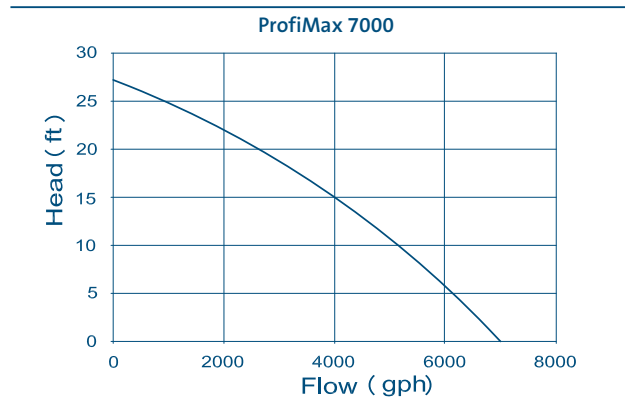
### Product characteristics at a glance

- Easily handles coarse debris up to 3/8 in.
- Large strainer size reduces maintenance.
- Ideal for large-scale filtration and water courses
- Submersed or in-line operation
- Electronically adjustable



### Flexible operation

Rugged design allows for operation in a high flow skimmer such BioSys Skimmer XL or directly in the pond.



ProfiMax		7000
Flow Rate	[gph max.]	7000
Flow Rate	[gpm max.]	117
Head	[ft. max.]	32
Intake Connection	[inch]	2
Outlet Connection	[inch]	2
Strainer Surface	[sq. in.]	251
Power Consumption	[W/A]	660 / 5.9
Operating Voltage	[V/Hz]	110-120 / 60
Connection Cable	[ft.]	20
Dimensions	[LxWxH in.]	16.5 x 9.4 x 10.5
Weight	[lbs.]	33
<b>Order no.</b>		<b>50296</b>



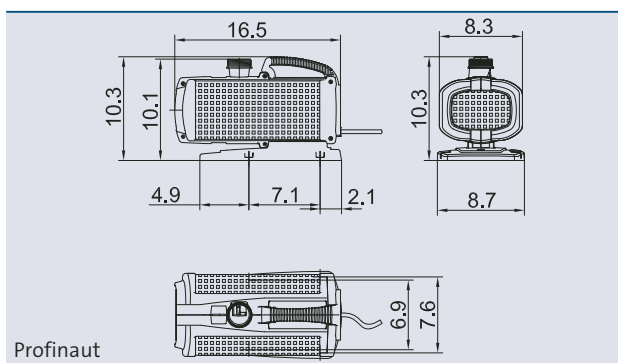
	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz
Profinaut 6000								

## PROFINAUT FOUNTAIN AND WATER FEATURE PUMP

An excellent pump for producing impressive water displays in demanding applications. Head heights of up to 40 ft. make it a true powerhouse.

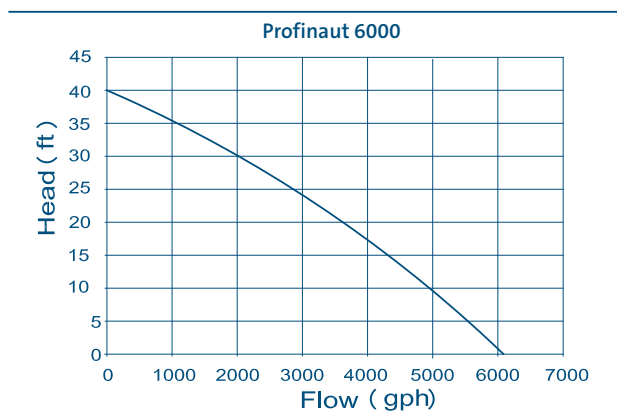
### Product characteristics at a glance

- Ergonomic handle, aligned with the pump's center of gravity, facilitates transport and installation.
- Compact, innovative stainless steel design.
- Fully capable of overwintering, even if the pump completely freezes (Frost-proof)
- Suitable for wet and dry installations
- Includes adapter set for connecting all 1 in. and 1 1/2 in. nozzles from the OASE range.
- Highly stable with excellent performance.



### Versatile application

Up to three Profinaut pumps can be installed in a BioSys Skimmer XL for very high water circulation volume and skimming action.



Profinaut		6000
Flow Rate	[gph max.]	6100
Flow Rate	[gpm max.]	102
Head	[ft. max.]	40
Outlet Connection	[inch]	2
Strainer Surface	[sq. in.]	256
Power Consumption	[W/A]	720 / 6
Operating Voltage	[V/Hz]	110-120 / 60
Power Cable	[ft.]	20
Dimensions	[LxWxH in.]	17 x 10 x 11
Weight	[lbs.]	33
<b>Order no.</b>		<b>57097</b>



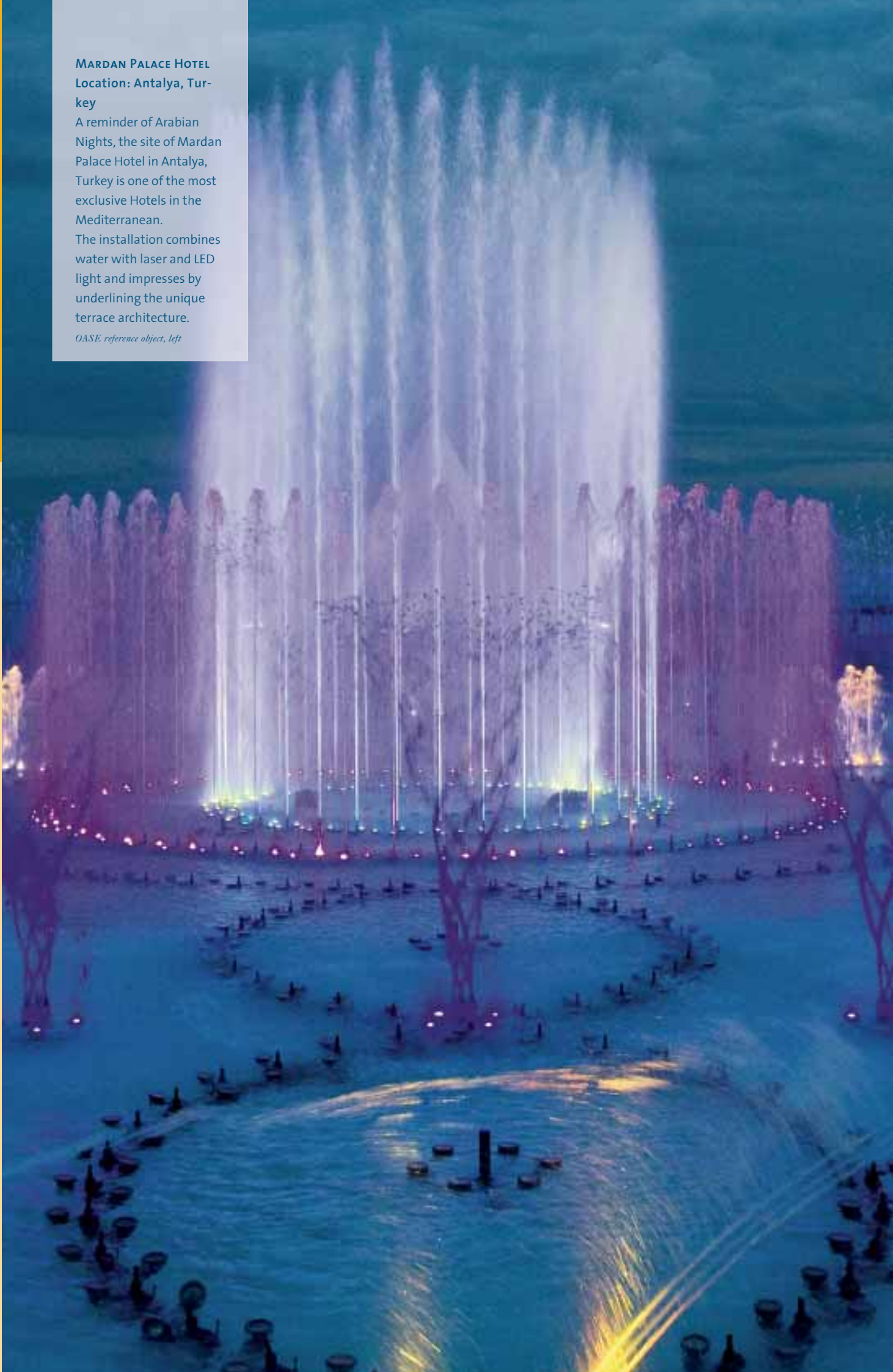
**MARDAN PALACE HOTEL**

Location: Antalya, Turkey

A reminder of Arabian Nights, the site of Mardan Palace Hotel in Antalya, Turkey is one of the most exclusive Hotels in the Mediterranean.

The installation combines water with laser and LED light and impresses by underlining the unique terrace architecture.

*OASE, reference object, left*



# ILLUMINATION

## LED-ILLUMINATION

## HALOGEN-ILLUMINATION

Light and shadow have, for time immemorial, provided a special attraction. At night, when the surrounding environment becomes invisible, water installations can provide unrivalled beauty, and really stand out from their veiled surroundings.

Buildings appear aristocratically as soon as they are illuminated in the evening hours, trees and bushes become floodlit sculptures. Who ever controls the contact with light has the power to awaken emotions – equally, whether a festive mood or relaxing, romantic moments.

OASE offers the suitable lights for any requirement; the innovative controllable LED – Illumination and the classic Halogen Illumination. The new generation of LED-RGB lights are DMX/RDM controlled and can send information back to the control panel, e.g. running time and electronic temperature. These status requests allow for remote diagnosis and remote maintenance which are the service concept of the future.

With the illumination technology from OASE, you have the necessary tools for effective light installations in hand:



- Underwater spotlights for water installations, fountains and floating aggregates
- Innovative LED technology provides a high level of light incidence, whilst being highly energy-efficient
- For professional installation, transformers and cables are provided, along with the corresponding installation materials.

New in LED-Illumination assortment:

ProfiPlane LED 320/DMX/02

ProfiRing LED 320/DMX/02

ProfiLux LED 320/DMX/02

• <b>LED Technology</b>	<b>page 94</b>
<b>RGB-LED light</b>	
ProfiLux LED 320 /DMX/02	<b>page 94</b>
ProfiRing LED 320 /DMX/02	<b>page 96</b>
ProfiPlane LED 320 /DMX/02	<b>page 98</b>
Underwater LED Driver /DMX/02	<b>page 100</b>
<b>Warm white light</b>	
ProfiLux LED 370 12 V /01	<b>page 102</b>
ProfiLux LED 370 24 V /01	<b>page 102</b>
LunAqua 10 LED /01	<b>page 102</b>
• <b>Halogen spotlights</b>	<b>page 104</b>
ProfiLux 101 E	<b>page 104</b>
LunAqua 10	<b>page 104</b>
LunAqua 5.1	<b>page 106</b>
UWS TN 508	<b>page 106</b>
UWS T 111/TS 111	<b>page 108</b>
Lamp Holder	<b>page 110</b>
Freestand Light	<b>page 110</b>



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
ProfiLux LED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## PROFILUX LED 320/DMX/02

The ProfiLux RGB LED-light is the new innovative illumination technology from OASE; DMX/RDM cable for higher fountains.

The new generation of LED-RGB light comes with high-quality stainless steel housing for fresh-, pool- and saltwater (definition see on page 202). These LED-light have temperature regulation and overheating protection so that dry installation also possible. They have a lifetime up to 100.000h.\*

### INNOVATION – MADE BY OASE



ProfiLux LED

The basic colours of the LED-RGB-lights are each measured for their brightness. Our OASE LED-Driver (see page 100) ensures equal brightness for all lights in the system, thereby creating a homogeneous colour combination.

#### Product characteristics at a glance

- Energy efficient LED-RGB spotlight with holder
- Power consumption only 16 W
- Temperature controlled high class LED for an extra long life time up to 100.000 h \*
- Illumination height up to approx. 7,5 m
- External electronic in a separate control/power box – easy plugable connection
- Wet and dry installation - waterproof IP 68
- RDM-DMX capable with Underwater LED Driver
- For fresh-, pool- and saltwater
- Reverse polarity protection

\*In case of underwater application, an intelligent heat management and quality LED enables a lifetime of up to 100.000 hrs. This claim does not entitle to a guarantee.

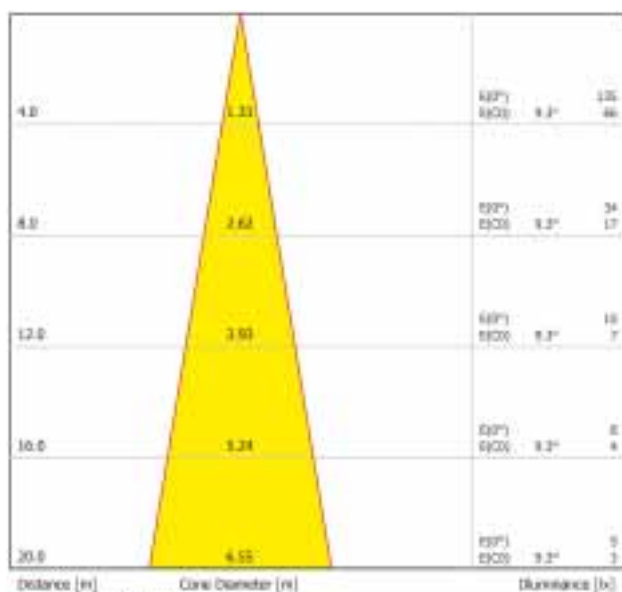


The vibrant colour show their full wonders when combined with the Vario-Switch system or the Varionaut-pumps. In combination they pave the way for a completely new composition of open space and fountain installation.

The Underwater LED Driver (see on page 100) is required for the DMX/RDM capable use of the ProfiPlane LED. Also a RDM-capable controller like the WECS (WECS 1024 and WECS 2048 see on page 128) is necessary. Due to this capability they send information back to the control panel. The ProfiLux LED has one plug with one meter cable to connect with the Underwater LED-Driver. For larger

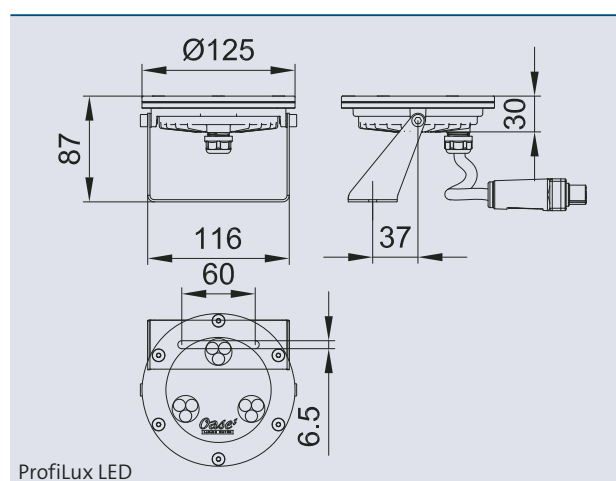
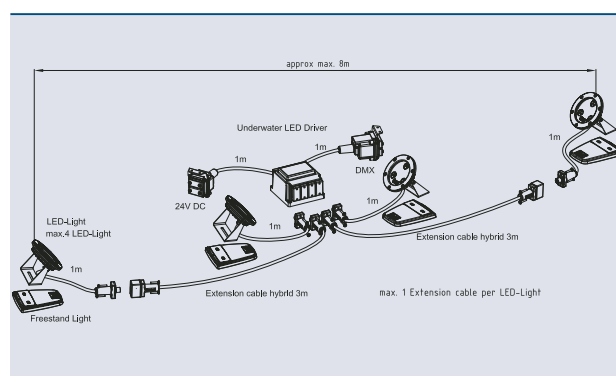
distances the Extension cable hybrid 3,0 m is used (see on page 120).

Up to 4 LEDs can be controlled individually with this external control. The Underwater LED Driver contains two connection boxes for the 24 Volt power supply and DMX/RDM data source. Through this special connection technology, wiring by hand is no longer necessary. Pumps and other consumer loads (e.g. Varionaut) can be connected easily to DMX/RDM of the light. The pluggable Underwater power supply 250 24 V /01 (see on page 122) is required for the plug and spray function on the 24 Volt power supply.



#### Accessories (must be ordered separately)

<b>Extension cable hybrid / 3.0 m</b> (see page 120)	<b>50728</b>
<b>Underwater LED Driver</b> (see page 100)	<b>50720</b>
<b>Lamp Holder</b> (see page 110)	<b>50786</b>
<b>Freestand Light</b> (see page 110)	<b>50978</b>
<b>Connecting cable DMX/01</b> (see page 120)	<b>Order no.</b>
Connecting cable DMX/1.0 m/01	<b>12368</b>
Connecting cable DMX/3.0 m/01	<b>12369</b>
Connecting cable DMX/5.0 m/01	<b>12371</b>
Connecting cable DMX/10.0 m/01	<b>12372</b>
Connecting cable DMX/20.0 m/01	<b>12373</b>
End Resistant for Bus-System DMX/01	<b>12007</b>
<b>Connecting cable 24V DC/01</b> (see page 118)	<b>Order no.</b>
Connecting cable 24V DC /1.0 m/01	<b>12762</b>
Connecting cable 24V DC /3.0 m/01	<b>12552</b>
Connecting cable 24V DC /7.5 m/01	<b>12553</b>
Connecting cable 24V DC /15.0 m/01	<b>11720</b>
<b>PowerBox 24 V DC / 01</b> (see page 118)	<b>50493</b>
<b>Underwater power supply 250 / 24 V / 01</b> (see page 122)	<b>50733</b>
<b>Easy Control</b> (see page 126)	<b>50289</b>
<b>Easy Control</b> (see page 126)	<b>50175</b>
<b>WECS 1024</b> (see page 128)	<b>50596</b>
<b>WECS 2048</b> (see page 128)	<b>50597</b>



DMX-Channel	Function
Channel 1	red
Channel 2	green
Channel 3	blue

ProfiLux LED 320/DMX/02		
Dimensions (Ø x h)	[mm]	125 x 87
Consumption current	[A]	0.7
Nominal voltage	[V/DC]	24
Luminous flux	[lm]	320
Power consumption	[W]	16
Beam angle	[°]	18
Protection class		IP 68
Power / Data connection	[m]	Hybrid cable 1
Illumination range	[m]	approx. 7.5
Material		stainless steel
Weight	[kg]	1.2
<b>Order no.</b>		<b>50717</b>



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
ProfiRing LED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## PROFIRING LED 320/DMX/02

The ProfiRing is developed specifically to illuminate fountains. Nozzles can be integrated in the middle of the LED light. Thus attractive symmetric illumination with continuously changing colour nuances is produced.

The ProfiRing LED is mainly used in the pool directly under the water surface. These LED-lights have temperature regulation and overheating protection so that dry installation is also possible. However these vibrant colour wonders show their full potential when combined with the Varionaut-pumps or the Vario-Switch system. In combination they pave the way for a completely new composition of open space and fountain installation.

### INNOVATION – MADE BY OASE



NEW



ProfiRing LED

The new generation of LED-RGB light comes with high-quality stainless steel housing for fresh-, pool- and salt-water (definition see on page 202). They have a lifetime up to 100.000h.\*

The basic colours of the LED-RGB-lights are each measured for their brightness. Our OASE LED-Driver (see page 100) ensures equal brightness for all lights in the system, thereby creating a homogeneous colour combination.

#### Product characteristics at a glance

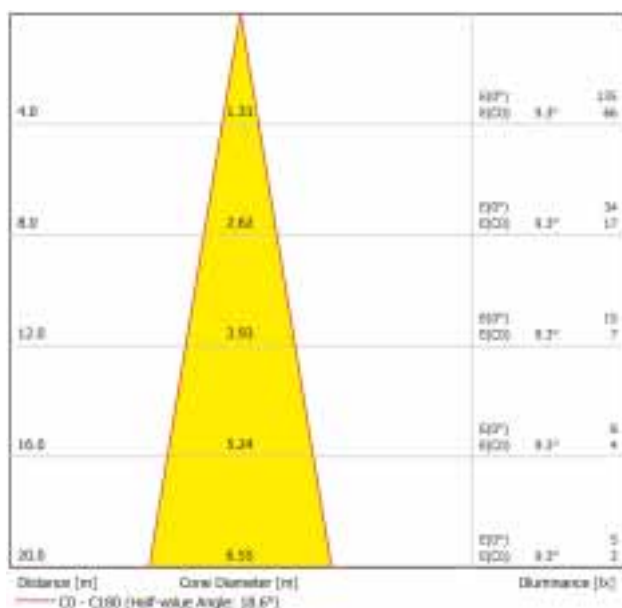
- Energy efficient LED-RGB spotlight with a center hole D=22mm
- Power consumption only 16 W
- Temperature controlled high class LED for an extra long life time up to 100.000 h\*
- Illumination height up to approx. 7,5 m
- External electronic in a separate control/power box – easy plugable connection
- Wet and dry installation - waterproof IP 68
- RDM-DMX capable with Underwater LED Driver
- For fresh-, pool- and saltwater
- Nozzle lamp locking
- Reverse polarity protection

\*In case of underwater application, an intelligent heat management and quality LED enables a lifetime of up to 100.000 hrs. This claim does not entitle to a guarantee.

The Underwater LED Driver (see on page 100) is required for the DMX/RDM capable use of the ProfiRing LED. Also a RDM-capable controller like the WECS (WECS 1024 and WECS 2048 see on page 128) is necessary. Due to this fact they send information back to the control panel.

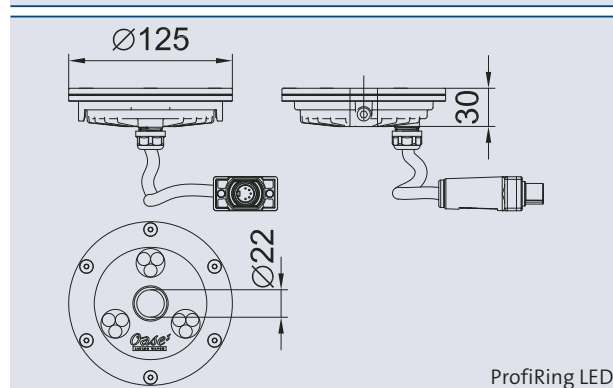
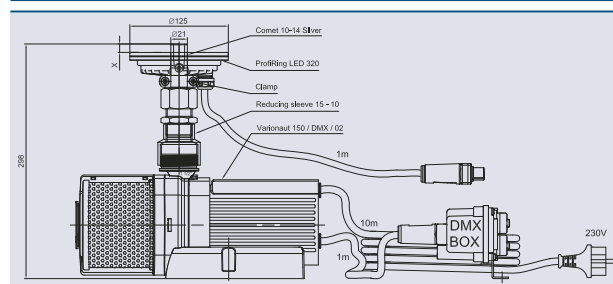
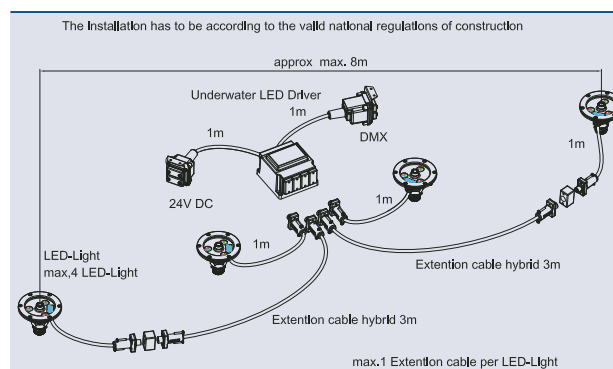
The ProfiRing LED has one plug with one meter cable to connect with the Underwater LED-Driver. For larger distances is designed the Extension cable hybrid 3,0 m is used (see on page 120). The Underwater LED Driver contains two con-

nection boxes for the 24 Volt power supply and DMX/RDM data source. Through this special connection technology, wiring by hand is no longer necessary. Pumps and other consumer loads (e.g. Varionaut) can be connected easily to DMX/RDM of the light. The pluggable Underwater power supply 250 24 V /01 (see on page 122) is required for the plug and spray function on the 24 Volt power supply.



**Accessories** (must be ordered separately)

Recommended Nozzles	Order no.
Comet 10-14 silver (see page 26)	50723
Comet 10-12 T (see page 28)	50968
Comet 10-14 T (see page 28)	50969
<b>Extension cable hybrid / 3.0 m</b> (see page 120)	50728
<b>Underwater LED Driver</b> (see page 100)	50720
Connecting cable DMX/01	Order no.
Connecting cable DMX/1.0 m/01	12368
Connecting cable DMX/3.0 m/01	12369
Connecting cable DMX/5.0 m/01	12371
Connecting cable DMX/10.0 m/01	12372
Connecting cable DMX/20.0 m/01	12373
End Resistant for Bus-System DMX/01	12007
Connecting cable 24V DC/01	Order no.
Connecting cable 24V DC /1.0 m/01	12762
Connecting cable 24V DC /3.0 m/01	12552
Connecting cable 24V DC /7.5 m/01	12553
Connecting cable 24V DC /15.0 m/01	11720
<b>PowerBox 24 V DC / 01</b> (see page 118)	50493
<b>Underwater power supply 250 / 24 V / 01</b> (see page 122)	50733
<b>Easy Control</b> (see page 126)	50289
<b>Easy Control</b> (see page 126)	50175
<b>WECS 1024</b> (see page 128)	50596
<b>WECS 2048</b> (see page 128)	50597



DMX-Channel	Function
Channel 1	red
Channel 2	green
Channel 3	blue

Profiring LED 320/DMX/02		
Dimensions (Ø x h)	[mm]	125 x 47
Consumption current	[A]	0.7
Nominal voltage	[V/DC]	24
Luminous flux	[lm]	320
Power consumption	[W]	16
Beam angle	[°]	18
Protection class		IP 68
Power / Data connection	[m]	Hybrid cable 1
Illumination range	[m]	approx. 7.5
Material		stainless steel
Weight	[kg]	1.0
<b>Order no.</b>		<b>50718</b>





	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
ProfiPlane LED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## PROFIPLANE LED 320/DMX/02

The ProfiPlane is developed for in-ground installation. These LED-lights can be built into practically any natural stone or paving. This makes them ideal for use in wet or dry fountain installations.

Nozzles can be integrated in the middle of the LED spotlights to illuminate the fountains. Thus attractive symmetric illumination with continuously changing colour nuances is produced.

However these vibrant colour wonders show their full potential when combined with the Vario-Switch system or the Varionaut-pumps. In combination they pave the way for a completely new composition of open space and fountain installation.

The new generation of LED-RGB light comes with high-quality stainless steel housing for fresh-, pool- and saltwater (definition see on page 202). These LED-light have temperature regulation and overheating protection so that dry installation is also possible. They have a lifetime up to 100.000h.\*

The basic colours of the LED-RGB-lights are each measured for their brightness. Our OASE LED-Driver (see page 100) ensures equal brightness for all lights in the system, thereby creating a homogeneous colour combination.

### Product characteristics at a glance

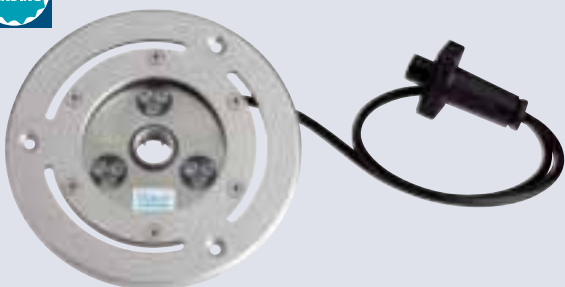
- Energy efficient LED-RGB spotlight with flange and hole D=22mm
- Power consumption only 16 W
- Temperature controlled high class LED for an extra-long life time up to 100.000h\*
- Illumination height up to approx. 7,5 m
- External electronic in a separate control/power box – easy plugable connection
- Wet and dry installation - waterproof IP 68
- RDM-DMX capable with Underwater LED Driver
- Reverse polarity protection
- walk-on-able

\*In case of underwater application, an intelligent heat management and quality LED enables a lifetime of up to 100.000 hrs. This claim does not entitle to a guarantee.

### INNOVATION – MADE BY OASE

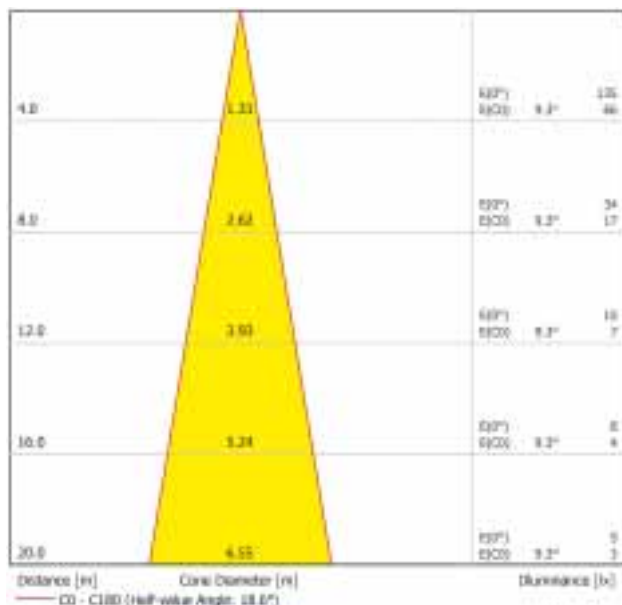


NEW



ProfiPlane LED

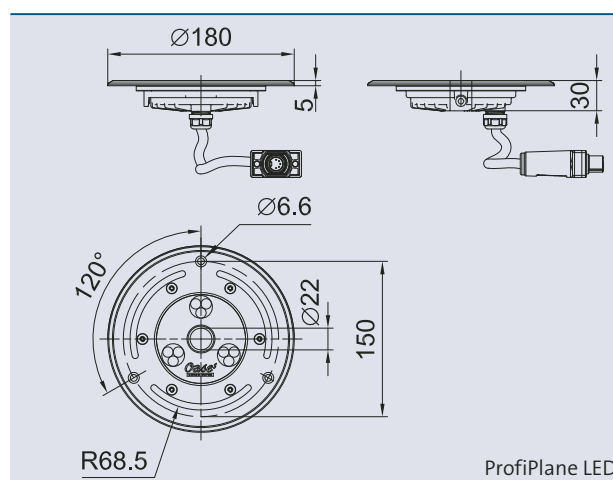
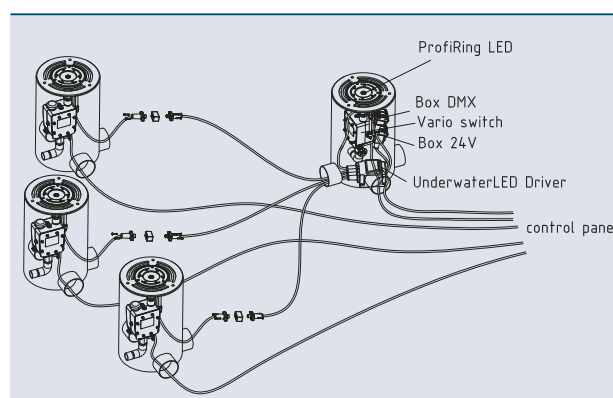
The Underwater LED Driver (see on page 100) is required for the DMX/RDM capable use of the ProfiPlane LED. Also a RDM-capable controller like the WECS (WECS 1024 and WECS 2048 see on page 128) is necessary. Due to this capability they send information back to the control panel.



**Accessories** (must be ordered separately)

<b>Recommended Nozzles</b>	<b>Order no.</b>
Comet 10-14 silver (see page 26)	50723
Comet 10-12 T (see page 28)	50968
Comet 10-14 T (see page 28)	50969
<b>Nozzle-Chamber</b> (see page 182)	<b>Order no.</b>
Nozzle-Chamber Single	50477
Nozzle-Chamber Vario	50478
<b>Extension cable hybrid / 3.0 m</b> (see page 120)	50728
<b>Underwater LED Driver</b> (see page 100)	50720
<b>Connecting cable DMX/01</b> (see page 120)	<b>Order no.</b>
Connecting cable DMX/1.0 m/01	12368
Connecting cable DMX/3.0 m/01	12369
Connecting cable DMX/5.0 m/01	12371
Connecting cable DMX/10.0 m/01	12372
Connecting cable DMX/20.0 m/01	12373
End Resistant for Bus-System DMX/01	12007
<b>Connecting cable 24V DC/01</b> (see page 118)	<b>Order no.</b>
Connecting cable 24V DC /1.0 m/01	12762
Connecting cable 24V DC /3.0 m/01	12552
Connecting cable 24V DC /7.5 m/01	12553
Connecting cable 24V DC /15.0 m/01	11720
<b>PowerBox 24 V DC / 01</b> (see page 118)	50493
<b>Underwater power supply 250 / 24 V / 01</b> (see page 122)	50733
<b>Easy Control</b> (see page 126)	50289
<b>Easy Control</b> (see page 126)	50175
<b>WECS 1024</b> (see page 128)	50596
<b>WECS 2048</b> (see page 128)	50597

The ProfiPlane LED has one plug with one meter cable to connect with the Underwater LED-Driver. For larger distances the Extension cable hybrid 3,0 m is used (see on page 120). Up to 4 LEDs can be controlled individually with this external control. The Underwater LED Driver contains two connection boxes for the 24 Volt power supply and DMX/RDM data source. Through this special connection technology, wiring by hand is no longer necessary. Pumps and other consumer loads (e.g. Varionaut) can be connected easily to DMX/RDM of the light. The pluggable Underwater power supply 250 24 V /01 (see on page 122) is required for the plug and spray function on the 24 Volt power supply.



DMX-Channel	Function
Channel 1	red
Channel 2	green
Channel 3	blue

ProfiPlane LED 320/DMX/02		
Dimensions (Ø x h)	[mm]	180 x 47
Consumption current	[A]	0.7
Nominal voltage	[V/DC]	24
Luminous flux	[lm]	320
Power consumption	[W]	16
Beam angle	[°]	18
Protection class		IP 68
Power / Data connection	[m]	Hybrid cable 1
Illumination range	[m]	approx. 7.5
Material		stainless steel
Weight	[kg]	1.5
<b>Order no.</b>		<b>50719</b>



	Fresh Water	Pool Water	Sea Water	24 V DC	DMX	DMX/RDM	Plug and Spray
Underwater LED Driver							

## UNDERWATER LED DRIVER

The Underwater LED Control /DMX/02 is the driver for the new generation of LED-RGB light; ProfiPlane LED 320/DMX/02, ProfiRing LED 320/DMX/02 and ProfiLux LED 320/DMX/02. Up to 4 lights can be controlled individually.

These new LED-RGB lights in combination with the Underwater LED control are DMX/RDM controlled and can send information back to the control panel, e.g. running time. These status requests allow for remote diagnosis and remote maintenance which are the service concept of the future.

The robust structure supports the whole system for use for fresh-, pool- and saltwater conditions (definition see on page 202).

The Underwater LED Control is equipped with one DMX-box with one meter cable and one power-box with one meter cable. Through this special connection technology, wiring by hand is no longer necessary.

### Product characteristics at a glance

- Controller for LED-light
- Underwater LED control for:
  - ProfiLux LED 320/DMX/02 (50717)
  - ProfiRing LED 320/DMX/02 (50718)
  - ProfiPlane LED 320/DMX/02 (50719)
- Input: 1 x 24 V/DC ;1 x DMX-RDM
- up to 4 LED Spots
- individual controllable by DMX/RDM
- IP 68 rated

## INNOVATION – MADE BY OASE



Underwater LED Driver