



	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

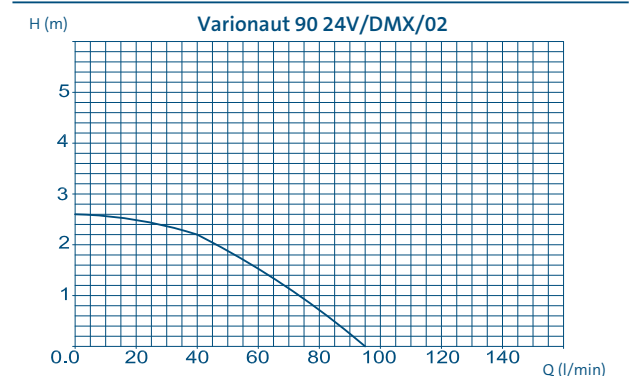
A 24 V/DC indoor and outdoor fountain pump which is suitable for underwater application directly below the nozzles. It fulfills the national regulations of DC current up to 30 V. Any single pump can be individually regulated and controlled via the DMX connection. That way dynamic water effects can be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

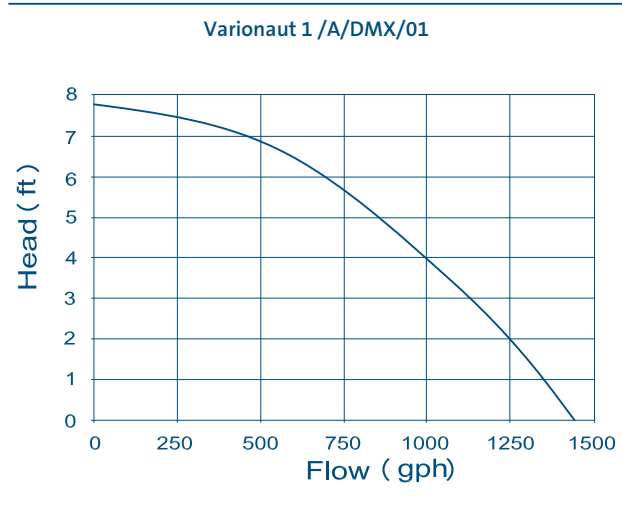
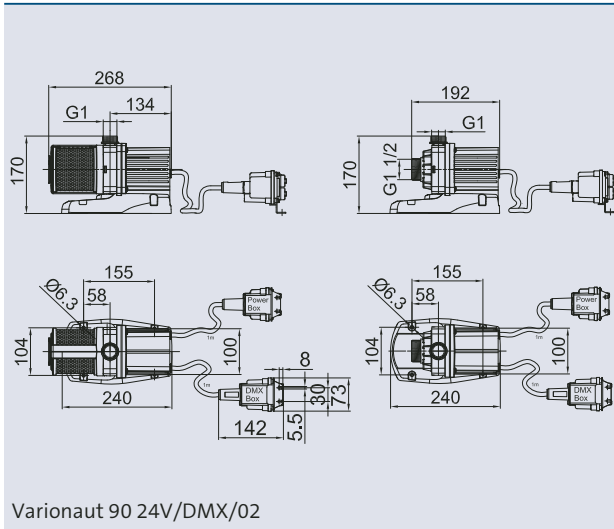
The Varionaut 90 itself produces water displays of up to 2.00 m height – in combination with Comet 5-8 Silver nozzles. It comes with a high-quality stainless steel filter housing, along with 2 connection boxes for the 24 V power supply (only the Varionaut 90) and DMX data source. Through this special 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. 60 W
- Reverse polarity protection
- 1 m power cable with power box (only 50665) and 1 m DMX cable with DMX box
- Frost protected up to -20° C
- IP 68 rated





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 32)	<b>50762</b>
<b>Comet 5-8 T</b> (see page 34)	<b>50964</b>

Connecting cable DMX/01 (see page 144)	Order no.
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>

Connecting cable 24V DC/01 (see page 142)	Order no.
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 142)	<b>50493</b>
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<b>Underwater power supply 250/24 V/01</b> (see page 152)	<b>50733</b>
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<b>WECS II 512</b> (see page 156)	<b>56491</b>
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<b>WECS II 1024</b> (see page 156)	<b>56492</b>
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<b>WECS II 2048</b> (see page 162)	<b>56507</b>
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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]	2.60 [ft]	8.00
Qmax [l/min]	95 [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]	0.60 [s]	0.60
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]	13.10
Protection class	IP 68	IP 68
Dimensions incl. filter (LxWxH) [mm]	268 x 142 x 170 [inch]	10.60 x 5 x 6.70
Suction side connection [inch]	1 ½ [inch]	1 ½
Pressure side connection [inch]	1 [inch]	1
Weight [kg]	3.70 [lb]	8
Filter housing	Plastic / stainless steel 1.4301 (AISI 304)	Plastic / stainless steel 1.4301 (AISI 304)
Filter surface [cm²]	200 [sq.ft]	0.21
Pump housing	Plastic	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 [°C]
<b>Order no.</b>	<b>50136</b>	<b>50309</b>