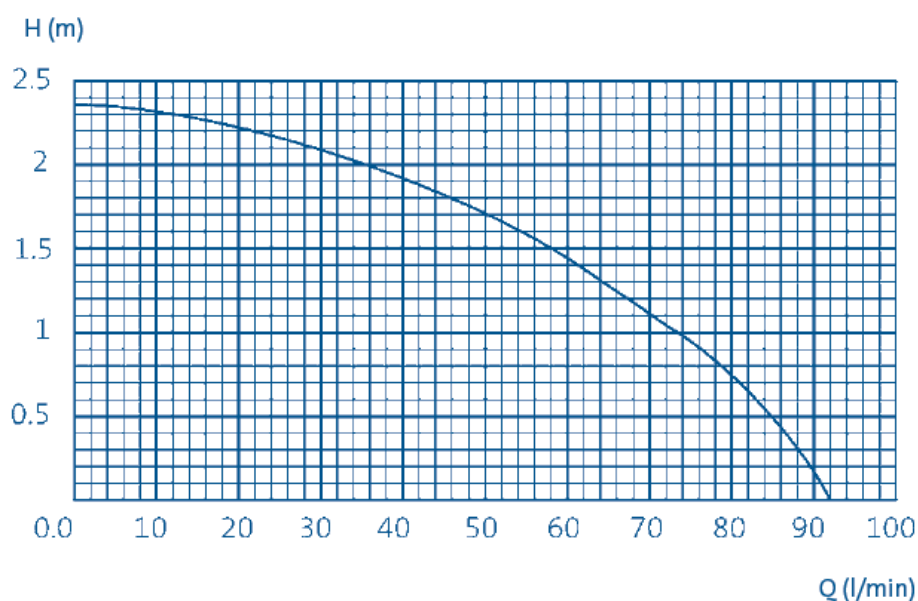
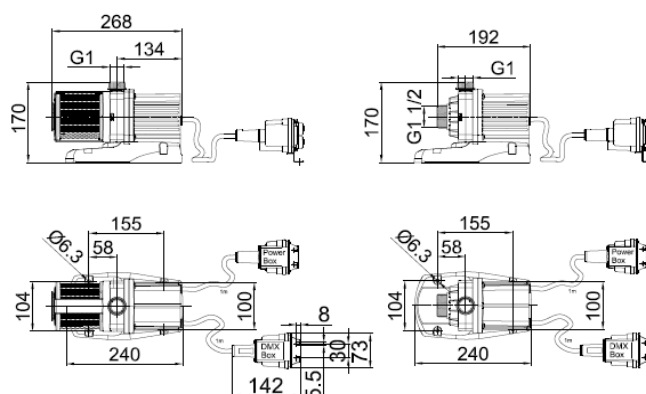


Fresh water	Pool water	Sea water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug & Spray



Product characteristics at glance

- 24V 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
- 1m power cable with power box (only 50665) and 1m DMX cable with DMX box
- Frost protected up to -20°C
- IP 68 rated



Varionaut 90 / 24V/DMX/02

Certificate		CE
Motor Type / Electronic		24 V/DC EC-Motor, DMX controlled (DMX/RDM enabled)
Hmax	[m]	2.6
Qmax	[l/min]	95
Qmin (Offset-Modus – DMX 0)	[l/min]	26
Qmax	[l/h]	5700
Power max.	[W]	60
Max. apparent power consumption	[VA]	72
Power input at highest fountain	[W]	60
Power input at lowest fountain	[W]	5
Nominal current	[A]	3
Starting current (0.01 Sec.)	[A]	82
Nominal voltage	[V/DC]	24
Dynamic behaviour speed: (time to reach full fountain height from 0 – 100% - with Comet 5 - 8)	[s]	0.6
Run up time	[s]	< 3.0
Max. Powering up / min. Off time	[s]	1 x per minute / 10 s
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°C with forced convection, no direct sun exposure permitted
Protection category		IP 68
Protection class (EN 61140)		III
Mounting position		Horizontal
Minimum distance to nearby devices	[mm]	100
Installation (on site)		4 screws max. M 6
Immersion depth max.	[m]	4
Suction side connection	[inch]	Thread G 1 ½ (external thread)
Pressure side connection	[inch]	Thread G 1 (external thread)
Filter housing		Plastic / stainless steel 1.4301 (AISI 304)
DMX connection		1 m BUS cable with DMX box
Input power		1 m 24 V power cable with power box
Number of DMX-channels	[pieces]	2 channels (control channel, speed channel)
Dimensions incl. filter (L x W x H)	[mm]	268 x 142 x 170
Material		Plastic / stainless steel
Weight	[kg]	3.7
Order no.		50136