

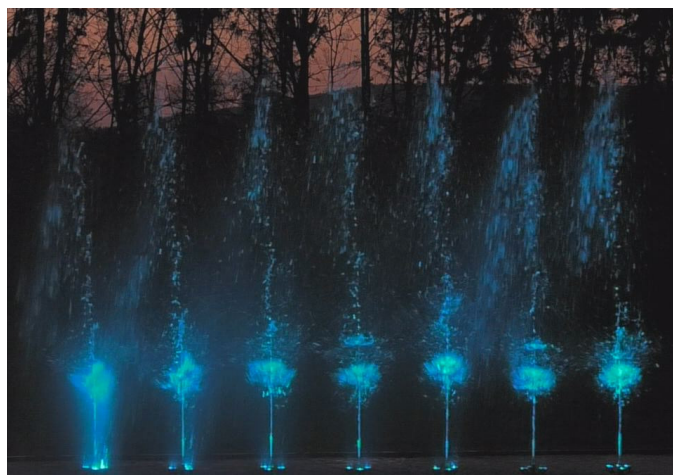
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Varionaut 400/DMX/02

46421



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 a glance

- High dynamic fountain pump
- Frost protected up to -20 °C
- Biggest RDM/DMX Varionaut pump
- Individual controllable via DMX with continuous flow rate
- Alternating current pump, 230 V for indoor and outdoor application
- Suitable for wet or dry installation
- Power consumption of max. 730W
- Without obvious raised starting current
- 10 m power cable with plug
- 2 DMX/RDM ports (1 x input / 1 x output) directly at the pump
- IP 68 rated
- DMX/RDM capable



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version 1.2

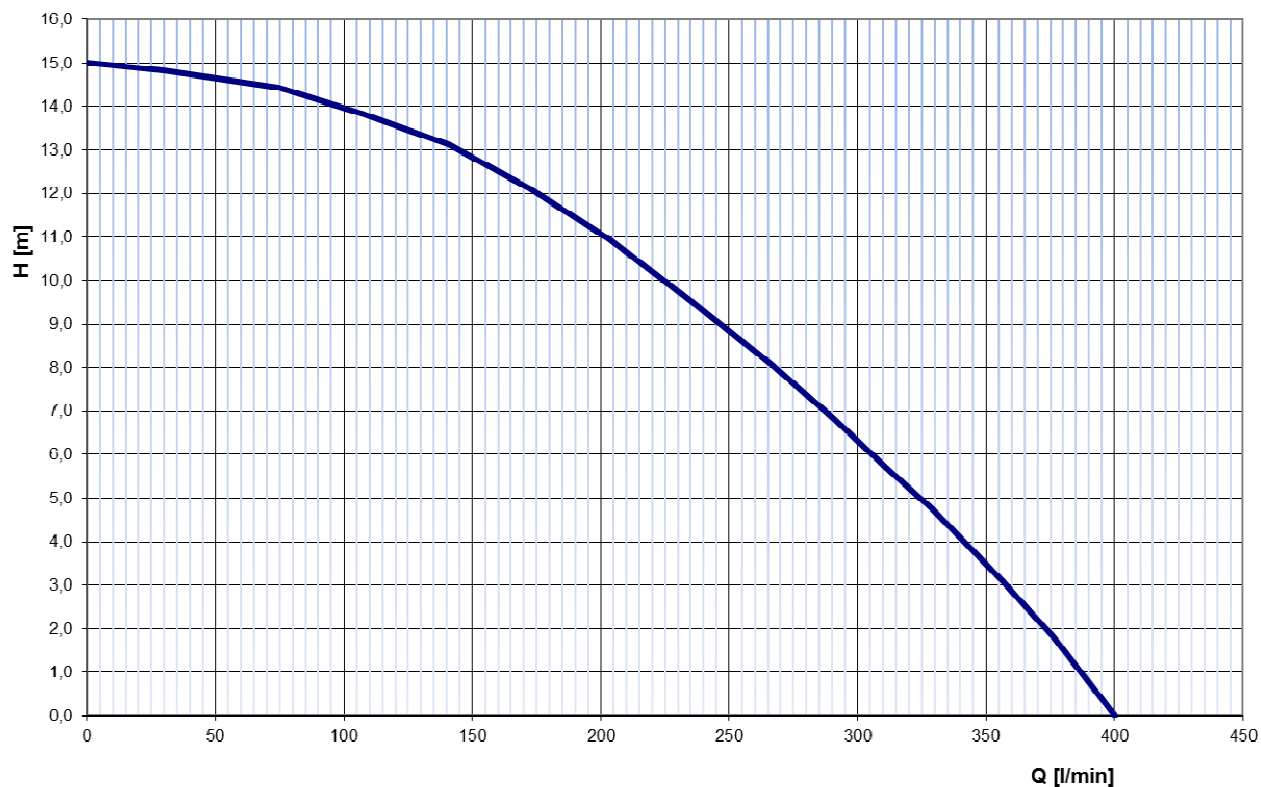
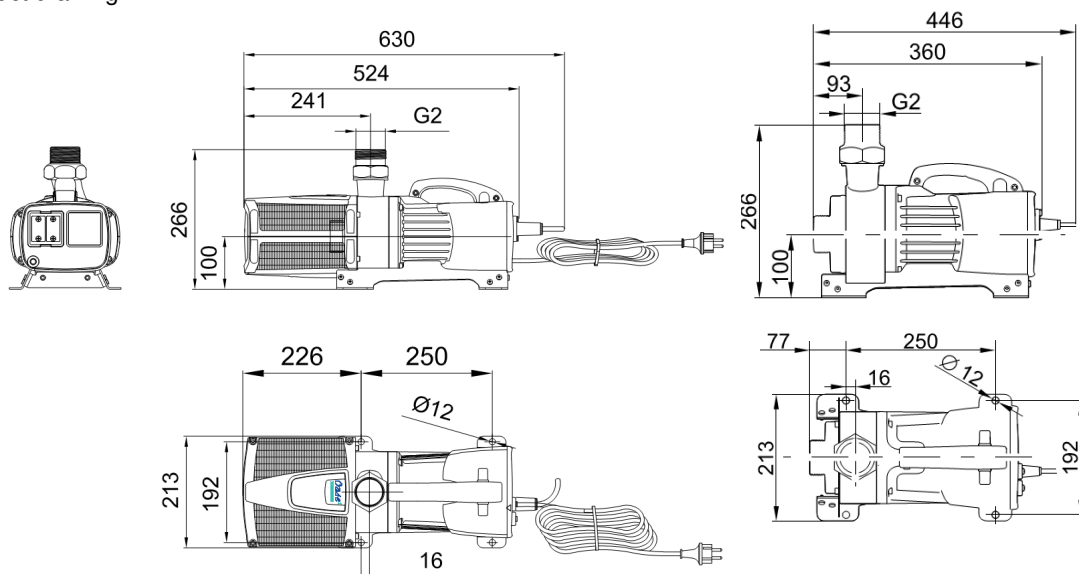
sheet 1/4

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Product drawing

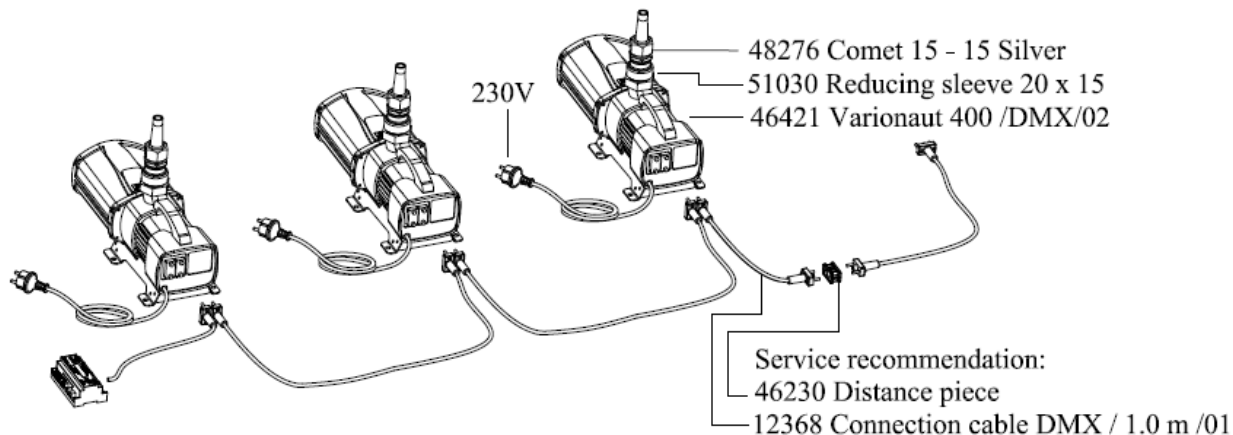


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System drawing



System equipment:

- Comet 15 - 15 Silver (height: 9.80m) (48276)
- Comet 15 - 17 Silver (height: 9.50m) (50724)
- Cluster Eco 15 - 38 (height: 10m) (45480)
- Reducing sleeve 15 x 10 (51032)
- Reducing sleeve 20 x 15 (51030)
- Connection cable DMX / 1.0 m /01 (12368)
- Connection cable DMX / 1.5 m /01 (49628)
- Connection cable DMX/ 3.0m/01 (12369)
- Connection cable DMX/ 5.0m/01 (12371)
- Connection cable DMX/ 10.0m/01 (12372)
- Connection cable DMX/ 20.0m/01 (12373)
- Distance piece with blind caps (46230)
- End resistant for BUS-system DMX/01 (12007)
- WECS II 512 / DMX/02 (56491)
- WECS II 1024 / DMX/02 (56492)
- WECS II 2048 / DMX/02 (56507)

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Varionaut 400 / DMX/02	
Motor Type / Electronic	230V EC-Motor, DMX controlled (DMX/RDM enable)
Hmax +/- 10% [m]	15
Qmax +/- 10% [l/min]	400
Qmin (Offset-mode – DMX 0) [l/min]	30
Qmax. +/- 10% [l/h]	24000
Power Max. +/- 10% [W]	730
Max. apparent power consumption +/- 10% [VA]	800
Power input at highest fountain +/- 10% [W]	730
Power input at lowest fountain +/- 10% [W]	25
Nominal current +/- 10% [A]	3.5
Starting current Max. (0.01 sec.) [A]	21
Nominal voltage +/- 5% [V/Hz]	220-240 / 50-60
Feeding current	according to VDE 0100
Terminal cross-section [mm²]	min. 1.0
Grounding	VDE 0100 For installations with long cabling > 10m additional measures for the reduction of the overvoltage category are required
Layout foundation earth	DIN 18014
Lightning protection	DIN EN 62305 part 1 to 4
Overvoltage protection electric feed	energy technology DIN-VDE 0100-443
Overvoltage protection DMX/RDM	information technology DIN-VDE 0800-10
Turn on of several pumps at the same time	observe voltage drop on 230 V cable between the switch on processes >1 sec.
Dynamic behaviour speed: (time to reach full fountain height from 0 – 100 % - with Comet) [s]	1.1
Run up time [s]	<3.0
Max. Powering up / min. Off time [s]	1 x per minute / 10 s
Overload protection	Thermal protection electronic 70°
Environmental conditions: submersible application [°C]	Water temperatur: 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)	I
Mounting position	horizontal
Minimum distance to nearby devices [mm]	100
Installation (on site)	4 screws max. M10
Immersion depth max. [m]	4
Suction side connection [inch]	Thread G2 (external thread)
Pressure side connection [inch]	Thread G2 (external thread)
Filter housing	Plastic / stainless steel 1.4301 (AISI 304)
DMX connection	2 x (1 x input / 1 x output)
Input power	10m power cable with plug
Number of DMX-channels	2 channels (control channel, speed channel)
Dimensions incl. filter (LxWxH) [mm]	524 x 213 x 266
Material	Plastic / stainless steel
Weight [kg]	16.5
Order no.	46421

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