

01 Specs 01Titel	Aquarius Universal Premium 12000	27.03.17 KF VS.01	Project No.
Item / No.	Description/ Quantity/ Unit	Unit price	Total price
01.1 Position	<p><b>Description:</b>  <b>Water pump with durably waterproof housing and fully encapsulated motor coil, incl. filter basket, cable with plug for 230 V AC power and integrated stand.</b></p> <p><b>Oil-free pump.</b></p> <p>Suitable for dry and wet assembly.</p> <p><b>Environmental conditions for dry application:</b>  Max. air temperature: 40 °C  with forced convection  No direct sun radiation allowed!</p> <p><b>Environmental conditions for wet application (waterquality):</b>  Installation and operation in fresh water.*</p> <p><b>Technical data:</b>  Dimensions (L x W x H): 337 x 161 x 158 [mm]  Suction side (Outside thread): G 1 1/2  Pressure side (Outside thread): G 1 1/2  Hose connection: G 3/4, G1, G1 1/4, G1 1/2  Schutzart: IP 68 / 4m  Hmax: 7.0 m WS  Qmin: 200 l/min  Qmax: 12000 l/h  Total Weight: 5.45 Kg  Power consumption: 270 W  Nominal Voltage: 220-240 V , 50 Hz  Nominal Current: 0.8 A  Integrated thermal protection: yes  Frost protected: yes, up to -20°C</p> <p><b>Filter Basket:</b>  Filter surface area: 223 cm<sup>2</sup>  Mesh size: 5 [mm]  Material: ABS/stainless steel 1.4301</p> <p><b>Power-cabling:</b>  Approx. 10m cable with standart plug  Cable (H07-RNF 3G1): 3 x 1,0 mm<sup>2</sup></p> <p><b>Stand:</b>  2 holes for fixation to pool bottom  Material: ABS  Hole diameter: 6 mm  Removable: yes</p>		

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	<b>water-quality-matrix</b>					
		<b>Freshwater</b>	<b>Poolwater</b>	<b>Seawater</b>		
	PH.Value	7,2 -7,6	7,2 -7,6	8		
	Hardness	8 -15 ° DH; 142 -267 ppm CaCo3	8 -15 ° DH; 142 -267 ppm CaCo3	20 -30 ° DH; 356 - 534 ppm CaCo3		
	Free Chlorine	< 0,3 mg/l; < 0,036 moz/gal	0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal	< 0,3 mg/l; < 0,036 moz/gal		
	Chlorine concentration	< 250 mg/l; < 30,28 moz/gal	< 200 mg/l; < 24,2 moz/gal	<=22000 mg/l; <=2664 moz/gal		
	Salinity	n. d.	n. d.	<= 4%; <= 40.000 ppm		
	Total Dry Residue	< 50 mg/l; < 6,06 moz/gal	< 50 mg/l; < 6,06 moz/gal	< 250mg/l; < 30,28 moz/gal		
	Temperature	4 -35° C; 39 - 95 ° F	4 -30° C; 39 - 86 ° F	4 - 20 ° C; 39 - 68 ° F		
	<p>Supply and delivery according to manufacturer specifications.</p> <p>Product / proof of delivery:  <b>Aquarius Universal Premium 12000</b>  <b>Art. 56879</b></p> <p>OASE GmbH  Tecklenburger Str. 161  48477 Hörstel / Germany  Phone: +49 5454 800</p> <p>(or equivalent )  .....  Entered by the bidder</p>					