

01 Specs 01Titel	Jumping Jet Rainbow Star II/DMX/02	20.02.18 KF VS.01	Project No.
Item / No.	Description/ Quantity/ Unit	Unit price	Total price
01.1 Position	Description: DMX-RDM* compatible Laminar water jet with cutting effect and integrated LED illumination Suitable for wet assembly. Environmental conditions for wet application (waterquality): Installation and operation in fresh- and poolwater.** Technical data: Dimensions (L x W x H): 478 x 305 x 555[mm] Nominal voltage: 24 V DC Power consumption: 20 W Nominal current: max. 0.8 A Protection class: IP X4 Max. Water Level: 300 mm Weight: 11 kg Configuration/Parameterization in build-in status: Yes Number of DMX channels: 8 Overheating protection: Yes Nozzle orifice diameter: 12mm Max. Pressure: 0.5 bar Laminar flow range: < 30 l/min Water inlet (Outside thread): G1 Base/Stand: For fixation at pool bottom and adjustment of jet inclination Material stand: stainless steel DIN 1.4301 (AISI 304) Inclination range: 45-90° Number of elongated holes: 2 Hole diameter: 9x100 [mm] Rectifier vessel: Material housing: ASA Material mesh: Stainless steel/foam Type of illumination: LED RGBW Spotlight Power consumption: max. 8 W Material LED light housing: Brass Material Lens: Glass Cutting device : Material housing: ASA Cutting knife: Stainless steel Cutting magnet type: stepper motor Nominal current: max. 1.6 A		

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	Cable and connection-boxes: All signals with galvanic separation in connection boxes. Housing material: PET-GF DMX- cabling: 1 m DMX cable and DMX connection box Cable (AES/EBU Cable Binary 234): 4 x 0.34 mm² DMX plug 1 x In (special version): 1 x Out Integrated water barrier: yes Pin allocation: Pin 1: shield Pin 2: minus Pin 3: plus Pin 4: n.c. Pin 5: n.c. Power-cabling: 1 m 24V cable and power connection box Cable (H07RN-F): 2 x 1,5 mm² 24 V Power Plug socket 2 x special version Integrated water barrier: yes *DMX RDM [Remote Device Managment] is a bidirectional bus for querying and programing of DMX-devices. A RDM control unit is capable of identifying connected devices and to -partial automatically- configure them. DMX RDM devices can be operated simultaneously with simple DMX devices at the same time. ** <table><tr><th colspan="4">water-quality-matrix</th></tr><tr><th></th><th>Freshwater</th><th>Poolwater</th><th>Seawater</th></tr><tr><td>PH.Value</td><td>7,2 -7,6</td><td>7,2 -7,6</td><td>8</td></tr><tr><td>Hardness</td><td>8 -15 ° DH; 142 -267 ppm CaCo3</td><td>8 -15 ° DH; 142 -267 ppm CaCo3</td><td>20 -30 ° DH; 356 - 534 ppm CaCo3</td></tr><tr><td>Free Chlorine</td><td>< 0,3 mg/l; < 0,036 moz/gal</td><td>0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal</td><td>< 0,3 mg/l; < 0,036 moz/gal</td></tr><tr><td>Chlorine concentration</td><td>< 250 mg/l; < 30,28 moz/gal</td><td>< 200 mg/l; < 24,2 moz/gal</td><td><=22000 mg/l; <=2664 moz/gal</td></tr><tr><td>Salinity</td><td>n. d.</td><td>n. d.</td><td><= 4%; <= 40.000 ppm</td></tr><tr><td>Total Dry Residue</td><td>< 50 mg/l; < 6,06 moz/gal</td><td>< 50 mg/l; < 6,06 moz/gal</td><td>< 250mg/l; < 30,28 moz/gal</td></tr><tr><td>Temperature</td><td>4 -35° C; 39 - 95 ° F</td><td>4 -30° C; 39 - 86 ° F</td><td>4 - 20 ° C; 39 - 68 ° F</td></tr></table>		water-quality-matrix					Freshwater	Poolwater	Seawater	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		
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	Supply and delivery according to manufacturer specifications. Product / proof of delivery: Jumping Jet Rainbow Star II/DMX/02 Art. 34137 OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800 (or equivalent) Entered by the bidder																																							