

01 Specs 01Title	Cascade 70 T			05.09.16 AO VS.02	Project No.																																				
Item / No.	Description / Quantity / Unit			Unit price	total price																																				
01.1 Position	Description: Adjustable (direction) tombac injection nozzle to create a homogenous and stable foamy water jet. Form and height vary with height position with respect to water surface and are influenced by waves. Installation and operation in freshwater.* Technical data: Dimension (Ø x H): 100x237 [mm] Material: tombac Weight: 2,4 kg Connecting thread (Inner thread): G1 1/2 Effect height: 0,50-7,0 [m] Adjustable flange: yes Water-level independent: no * <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> Supply and delivery according to manufacturer specifications. Product / proof of delivery: Cascade 70 T Art. 50912 OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800 (or equivalent) Entered by the bidder			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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