

01 Specs 01Title	Cascade 50 T			05.09.16 AO VS.03	Project No.																																				
Item / No.	Description / Quantity / Unit			Unit price	total price																																				
01.1 Position	<p>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.</p> <p>Installation and operation in freshwater.*</p> <p>Technical data: Dimension (Ø x H): 78x192 [mm] Material: tombac Weight: 1,6 kg Connecting thread (Inner thread): 1" NPT Effect height: 0,25-5,0 [m] Adjustable flange: yes Water-level independent: no</p> <p>*</p> <table border="1" data-bbox="295 896 1220 1388"> <thead> <tr> <th colspan="4" data-bbox="295 896 1220 922">water-quality-matrix</th> </tr> <tr> <th data-bbox="295 922 459 949"></th> <th data-bbox="459 922 722 949">Freshwater</th> <th data-bbox="722 922 986 949">Poolwater</th> <th data-bbox="986 922 1220 949">Seawater</th> </tr> </thead> <tbody> <tr> <td data-bbox="295 949 459 1021">PH.Value</td> <td data-bbox="459 949 722 1021">7,2 -7,6</td> <td data-bbox="722 949 986 1021">7,2 -7,6</td> <td data-bbox="986 949 1220 1021">8</td> </tr> <tr> <td data-bbox="295 1021 459 1093">Hardness</td> <td data-bbox="459 1021 722 1093">8 -15 ° DH; 142 -267 ppm CaCo3</td> <td data-bbox="722 1021 986 1093">8 -15 ° DH; 142 -267 ppm CaCo3</td> <td data-bbox="986 1021 1220 1093">20 -30 ° DH; 356 - 534 ppm CaCo3</td> </tr> <tr> <td data-bbox="295 1093 459 1142">Free Chlorine</td> <td data-bbox="459 1093 722 1142">< 0,3 mg/l; < 0,036 moz/gal</td> <td data-bbox="722 1093 986 1142">0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal</td> <td data-bbox="986 1093 1220 1142">< 0,3 mg/l; < 0,036 moz/gal</td> </tr> <tr> <td data-bbox="295 1142 459 1214">Chlorine concentration</td> <td data-bbox="459 1142 722 1214">< 250 mg/l; < 30,28 moz/gal</td> <td data-bbox="722 1142 986 1214">< 200 mg/l; < 24,2 moz/gal</td> <td data-bbox="986 1142 1220 1214"><=22000 mg/l; <=2664 moz/gal</td> </tr> <tr> <td data-bbox="295 1214 459 1263">Salinity</td> <td data-bbox="459 1214 722 1263">n. d.</td> <td data-bbox="722 1214 986 1263">n. d.</td> <td data-bbox="986 1214 1220 1263"><= 4%; <= 40.000 ppm</td> </tr> <tr> <td data-bbox="295 1263 459 1335">Total Dry Residue</td> <td data-bbox="459 1263 722 1335">< 50 mg/l; < 6,06 moz/gal</td> <td data-bbox="722 1263 986 1335">< 50 mg/l; < 6,06 moz/gal</td> <td data-bbox="986 1263 1220 1335">< 250mg/l; < 30,28 moz/gal</td> </tr> <tr> <td data-bbox="295 1335 459 1388">Temperature</td> <td data-bbox="459 1335 722 1388">4 -35° C; 39 - 95 ° F</td> <td data-bbox="722 1335 986 1388">4 -30° C; 39 - 86 ° F</td> <td data-bbox="986 1335 1220 1388">4 - 20 ° C; 39 - 68 ° F</td> </tr> </tbody> </table> <p>Supply and delivery according to manufacturer specifications.</p> <p>Product / proof of delivery: Cascade 50 T Art. 89051</p> <p>OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800</p> <p>(or equivalent) Entered by the bidder</p>			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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