

01 Specs 01Title	Cascade 110 T			05.09.16 AO VS.02	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): 149x346 [mm] Material: tombac Weight: 7,0 kg Connecting thread (Inner thread): 2 1/2" NPT Effect height: 1,0-14,0 [m] Adjustable flange: yes Water-level independent: no</p> <p>*</p> <table border="1" data-bbox="288 891 1227 1391"> <thead> <tr> <th colspan="4" data-bbox="288 891 1227 920">water-quality-matrix</th> </tr> <tr> <th data-bbox="288 920 456 949"></th> <th data-bbox="456 920 722 949">Freshwater</th> <th data-bbox="722 920 983 949">Poolwater</th> <th data-bbox="983 920 1227 949">Seawater</th> </tr> </thead> <tbody> <tr> <td data-bbox="288 949 456 1021">PH.Value</td> <td data-bbox="456 949 722 1021">7,2 -7,6</td> <td data-bbox="722 949 983 1021">7,2 -7,6</td> <td data-bbox="983 949 1227 1021">8</td> </tr> <tr> <td data-bbox="288 1021 456 1084">Hardness</td> <td data-bbox="456 1021 722 1084">8 -15 ° DH; 142 -267 ppm CaCo3</td> <td data-bbox="722 1021 983 1084">8 -15 ° DH; 142 -267 ppm CaCo3</td> <td data-bbox="983 1021 1227 1084">20 -30 ° DH; 356 - 534 ppm CaCo3</td> </tr> <tr> <td data-bbox="288 1084 456 1146">Free Chlorine</td> <td data-bbox="456 1084 722 1146">< 0,3 mg/l; < 0,036 moz/gal</td> <td data-bbox="722 1084 983 1146">0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal</td> <td data-bbox="983 1084 1227 1146">< 0,3 mg/l; < 0,036 moz/gal</td> </tr> <tr> <td data-bbox="288 1146 456 1209">Chlorine concentration</td> <td data-bbox="456 1146 722 1209">< 250 mg/l; < 30,28 moz/gal</td> <td data-bbox="722 1146 983 1209">< 200 mg/l; < 24,2 moz/gal</td> <td data-bbox="983 1146 1227 1209"><=22000 mg/l; <=2664 moz/gal</td> </tr> <tr> <td data-bbox="288 1209 456 1272">Salinity</td> <td data-bbox="456 1209 722 1272">n. d.</td> <td data-bbox="722 1209 983 1272">n. d.</td> <td data-bbox="983 1209 1227 1272"><= 4%; <= 40.000 ppm</td> </tr> <tr> <td data-bbox="288 1272 456 1335">Total Dry Residue</td> <td data-bbox="456 1272 722 1335">< 50 mg/l; < 6,06 moz/gal</td> <td data-bbox="722 1272 983 1335">< 50 mg/l; < 6,06 moz/gal</td> <td data-bbox="983 1272 1227 1335">< 250mg/l; < 30,28 moz/gal</td> </tr> <tr> <td data-bbox="288 1335 456 1391">Temperature</td> <td data-bbox="456 1335 722 1391">4 -35° C; 39 - 95 ° F</td> <td data-bbox="722 1335 983 1391">4 -30° C; 39 - 86 ° F</td> <td data-bbox="983 1335 1227 1391">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 110 T Art. 89054</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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