

01 Specs 01Title	Sandfilter/D600	13.07.17 KF VS.01	Project No.
Item / No.	Description/ Quantity/ Unit	Unit Price	Total
01.1 Position	<p>Description: compact design, completely premounted on mounting plate, for manual operation, consisting of: Filter container made of fibre-glass reinforced plastic, incl. manual venting. Circulation pump made of plastic, silent, self - priming block pump with Integrated hair and fiber catcher in alternating current version inclusive built-in Breaker. Multi-port control valve made of plastic, designed as a single-lever central control unit, manometer 0 - 2.5 bar, PVC piping, including PVC clarifier tube for monitoring the backflushing process.</p> <p>Suitable for dry assembly</p> <p>Environmental conditions for dry application: Max. air temperature: 40 °C No direct sun radiation allowed!</p> <p>Installation and operation with fresh- and poolwater.*</p> <p>Technical data:</p> <p>Dimensions (Lx W x H): 1000 x 870 x 1100 [mm] Weight without sand: 40 kg Suction line connection: G 2 Pressure line connection: G 1 1/2 Back wash line connection: G 1 1/2 Filter tank diameter: 630 mm Filter surface: 0,28 m² Recirculation capacity (at 8 m/s): 13 m³/h Filter speed (bei 8 m/s): 50 m/h Reverse rins speed: 50 m/h Reverse rins duration: approx. 2-4 [min.] Water requirement per reverse rins: approx. 650 l in 3 min. Grain of filter material: 0,4-1,0 [mm] Quantity of filter material: approx. 125 kg Max. operating pressure: 2,5 bar Filter tank material: GFK (Polyester)</p> <p>Motor:</p> <p>Nominal motor power: 0,65 kW Motor power consumption: 0,97 kW Nominal motor voltage: 230 V/50 Hz Nominal motor current: 4,7 A Motor protection class: IP x4 Pump material: PP TV/20/PP TV40</p>		

01 Specs	Sandfilter/D600			13.07.17 KF	Project
01Title				VS.01	No.
Item / No.	Description/ Quantity/ Unit			Unit Price	Total
	*				
	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		
<p>Supply and delivery according to manufacturer specifications.</p> <p>Product / proof of delivery: Sandfilter/D600 Art. 50433</p> <p>OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800</p> <p>(or equivalent) Entered by the bidder</p>					