

Filtration and skimmer





Sand filter system

Efficient filtering extends cleaning intervals

⊕ Efficient and environmentally friendly mechanical water filtration

⊕ AFM filter medium significantly extends the cleaning intervals in water systems

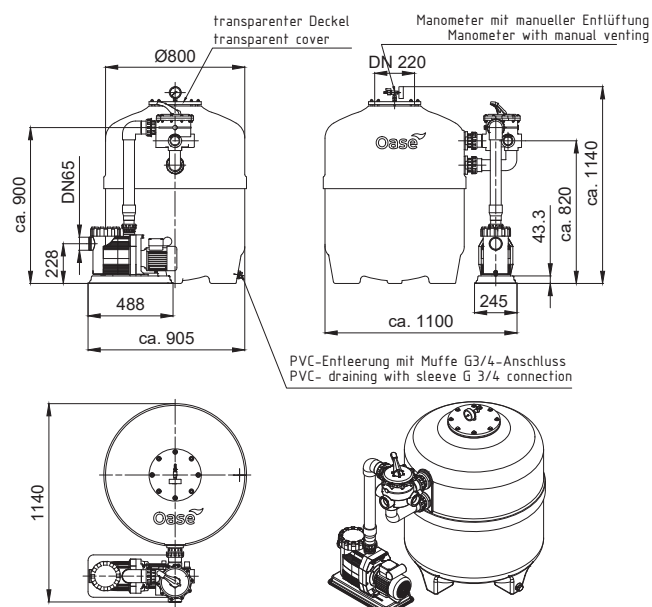
⊕ Easy cleaning: When the filter is full, the automatic backwash system directs the collected dirt into the channel (automatic system only in conjunction with Eurotronik)

⊕ Filter complete with glass-fibre-reinforced plastic container, pump and multi-way valve, compact and easy to install, pre-assembled on plastic base



⊕ Assembly of individual, comprehensive solutions consisting of sand filters, quartz sand/AFM filter medium and Backwash Automatic Eurotronik

⊕ Filter operation is possible in parallel with or independent of the operating times of the system



ACCESSORIES

Product			Item no.
Backwash Automatic Eurotronik		Dimensions (L × W × H)	[mm] 245 × 140 × 95
		Power supply	[V/Hz] 230/50
		Controller power consumption	[VA] Approx. 10
		Switching capacity	[kW] Max. 1.10
		Motorised valve	[V] 230
Crystal quartz sand 25 kg bag		Grain size	[mm] 0.40–0.80
AFM filter medium 21 kg bag		The activated filter material has catalytic and oxidising properties. It prevents biofilm formation and extends the maintenance interval.	
			55351
			53428
			50433

WATER QUALITY

Filtration and skimmer
Sand filter system
Suitable for
Fresh water and pool water 
Voltage
220–240 V
Frequency
50 Hz

MAX. POOL WATER CONTENTS FOR THE FOLLOWING FILTER RUNTIMES

Product		Sand filter D 600	Sand filter D 800
For low contamination			
Revolutions/day		2	2
9 hours/day	[m³]	50	120
15 hours/day	[m³]	70	200
24 hours/day	[m³]	120	300
For medium contamination			
Revolutions/day		4	4
9 hours/day	[m³]	30	60
15 hours/day	[m³]	45	100
24 hours/day	[m³]	60	150
For high contamination			
Revolutions/day		6	6
9 hours/day	[m³]	20	40
15 hours/day	[m³]	35	60
24 hours/day	[m³]	50	100

Table with guide values for filter runtime control

TECHNICAL DATA

Product		Sand filter D 600	Sand filter D 800
Dimensions (L × W × H)	[mm]	1000 × 870 × 1100	1000 × 1000 × 1250
Filter container diameter	[mm]	630	830
Filter area	[m²]	0.28	0.50
Circulation capacity at 8 mWS	[m³/h]	13	25
Filter speed at 8 mWS	[m/h]	50	50
Backwash speed	[m/h]	50	50
Backwash time	[Min.]	Approx. 2–4	Approx. 2–4
Water requirement per backwash		Approx. 650 l in 3 min.	Approx. 1250 l in 3 min.
Filter material grain size	[mm]	0.40–1.00	0.40–1.00
Amount of filter material	[kg]	Approx. 125	Approx. 325
Max. operating temperature	[°C]	40	40
Max. operating pressure	[bar]	2.50	2.50
Connection for suction line		G 2	G 2
Connection for pressure line		G 1 ½	G 2
Connection for backwash		G 1 ½	G 2
Motor rated power	[kW]	0.65	1.30
Motor power consumption	[kW]	0.97	1.85
Motor rated voltage		230 V/50 Hz	230 V/50 Hz
Motor rated current	[A]	4.70	8.30
Motor degree of protection		IPX4	IPX4
Weight without sand filling	[kg]	50.00	72.00
Filter container material		GFK (polyester)	GFK (polyester)
Pump material		PP TV 20/PP TV 40	PP GF 30/PP TV 40
Item no.		50431	50432

Wall skimmer

Keeps the water surface clean

- + Skimmer housing made of high-quality, corrosion-resistant stainless steel for high durability



- + Effectively removes dirt particles from the surface

- + Easy maintenance and cleaning due to removable dirt screen basket

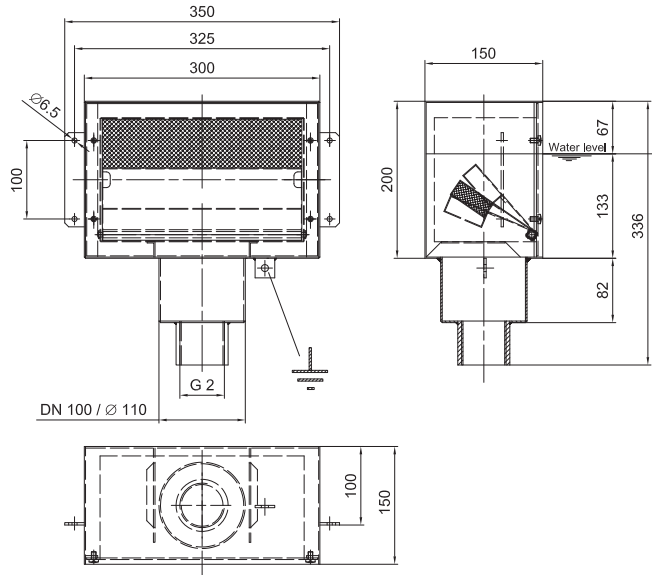
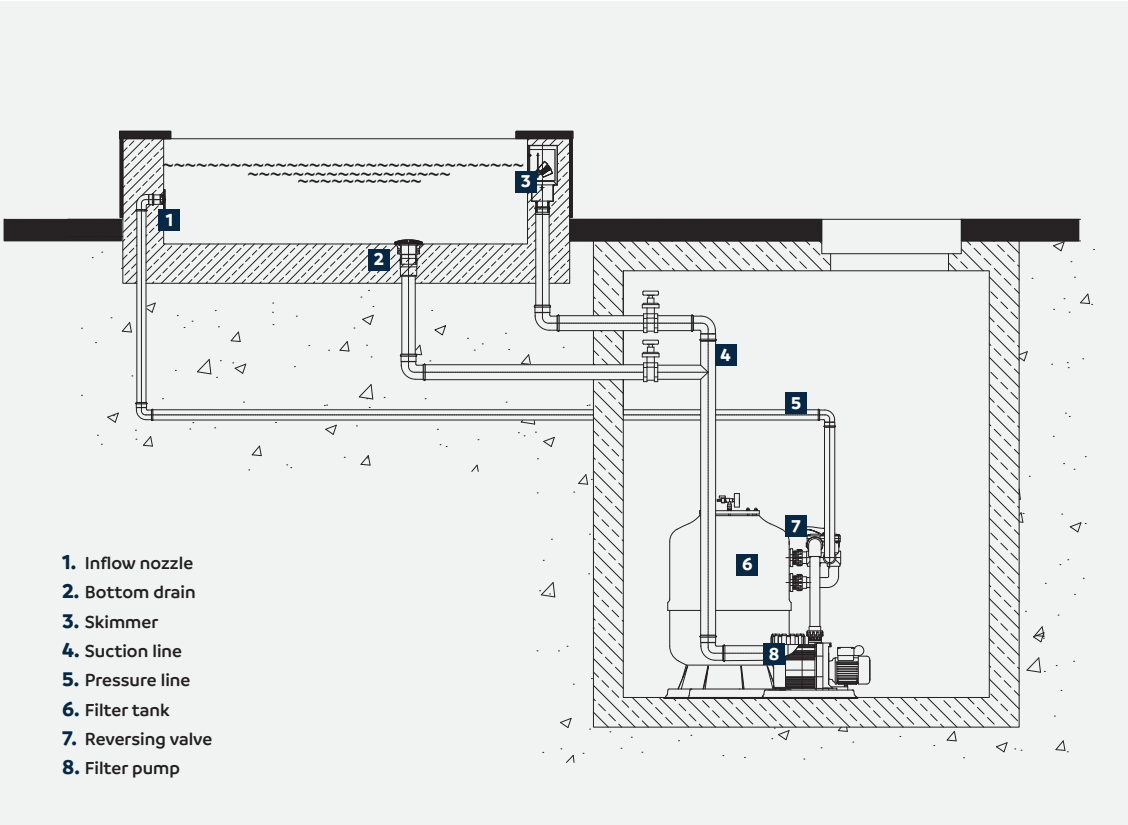
ACCESSORIES

Product		Item no.
Concrete part 100 T	> Page 361	57467
Debris sieve 100 E	> Page 360	51974
Concrete part 70 T	> Page 361	57471
Debris sieve 70 E	> Page 360	51973
Inflow nozzle 15 E	> Page 362	53086
Floor/wall transition 15–175 E	> Page 363	51142
Suction filter basket 200/100/15 E	> Page 365	51082

WATER QUALITY

Filtration and
skimmer
Wall skimmer

Suitable for
Fresh water and
pool water



TECHNICAL DATA

Product	Wall skimmer
Dimensions (L × W × H)	[mm] 350 × 150 × 336
Connection	G 2, DN 100 (inner diameter 110)
Material	Stainless steel 1.4301 (AISI 304)
Weight	[kg] 5.08
Item no.	54921