



FINE SCREENING

Fine screens with automatic brushing



KAMPS sells a range of screens with remove solids and fibers with from municipal and industrial waste-water. The use of these screens is extremely simple, and they present three major advantages : continuous operation, a very low energy consumption and nearly no need for washing water. Therefore, screens are the

best equipment for the protection of membrane bioreactors systems (MBR). In smaller stations, screens are also used in many pretreatment configurations. Other applications are possible for activated sludge, in front of water intakes in channels or in the industry (slaughterhouses, textiles, alimentary).

www.water-aerator.com

► **Description**

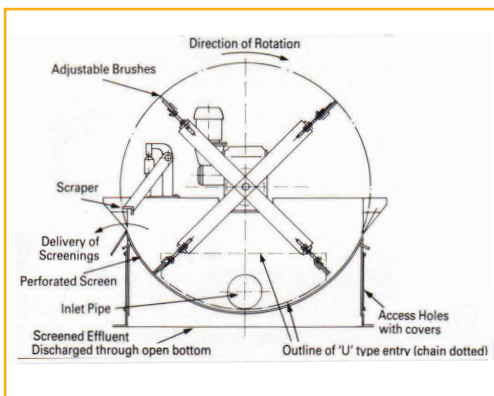
The screens are robust, low-maintenance machines consisting essentially of a frame structure into which perforated screen plates of a specific radius are bolted. The raw waste-water is fed onto the stainless steel perforated screen plate at the front via a connecting flange. The solids are retained at a particle size depending on the perforation gauge, while the cleaned water flows downward through the plate. The rotating brushes reliably clean the perforated screen plate, while conveying the solids into the screenings discharge.



► **Technical data**

1. Screening : 1,0 - 1,5 - 2,0 - 3,0 - 4,0 - 5,0 - ...mm
2. Machine : Stainless steel 304 or 316
3. Brushes : PPN
4. Bearings : Stainless steel
5. Flow : 4 - 3600m³/h (following ø of perforation)

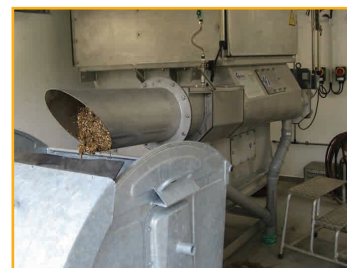
SCREENS



Technical Data				
	Length	Width	Height	Power
	L	B	H	
Type	mm	mm	mm	kW
BF2	850	830	680	0,04
RBS 2	750	940	800	0,075
RBS 4	1120	940	800	0,075
RBS 6	1500	940	800	0,075
RBS 8	1900	940	800	0,12
RBS10	2300	940	800	0,18
DF8	1600	1550	1230	0,12
DF12	1990	1550	1230	0,18
DF16	2370	1550	1230	0,18
DF20	2760	1550	1230	0,25
DF24	3160	1550	1230	0,25
DSF38	3100	2450	2200	0,55
DSF58	4100	2450	2200	0,55
DSF78	5100	2450	2200	0,55
DSF100	6400	2450	2200	0,75
DSF120	7700	2540	2200	1,10

► **Options**

1. Sump
2. Overflow contact
3. External lubrication
4. Heating for outside use
5. Waste sump
6. Screw press



KAMPS Water Treatment Product Range

- AIRMAX® Aerators • Covermax • Solairmax • Membrane bio-reactors • Continuous sand filter • Sludge dewatering systems (belt thickeners, belt press, plate filter press) • Sludge dredging solution • Integrated BIOMAX water treatment plants • Shelter



Best Science • Best Support • Best Success

KAMPS is an industrial company specialising in water treatment. Its flexible structure enables it to guarantee its customers a fast, flexible and dynamic response to their requirements.

Contact us

KAMPS s.a.-n.v.

Phone : +32 (0)2 219 10 60 • Fax : +32 (0)2 217 41 31 • e-mail : info@kamps.be

Head Office and Workshop : Rue de Nazareth, 5 • B-4651 Battice

Commercial Office : Rue du Ruisseau, 70 • B-1970 Wezembeek-Oppem

www.water-aerator.com

Represented by :

