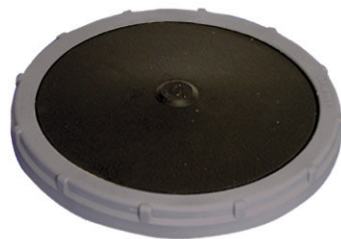


Diffuser

AKWATECH GJ HD 270



Disk diffuser AKWATECH GJ HD 270 is designed for finebubble aeration of water and wastewater. It is made of top-class certified materials, which guarantees the supreme world quality. The diffusers are corrosion-proof, they do not clog and can be applied for continuous and intermittent operation processes. The application of the diffusers and properly designed system guarantee supreme effects of aeration together with lower operation costs.

Diffusers AKWATECH GJ HD 270 may be used in the following processes:

- aeration of wastewater and activated sludge in averaging chambers of small-sized plants, home-system plants as well as collective of varied capacity,
- aerobic and oxygen treatment of water,
- aeration of water tanks, fish-breeding ponds,
- aeration of fish-storage tanks and aquaria.

TECHNICAL DATA:

Type of sewage:	Residential and industrial	
Diffuser body:	1. Material: polyamide with 30% glass fibre 2. Diameter: 270mm	
Fastening on pipe system:	1. External thread R 1/2" 2. Fixing band PP with internal R 1/2" on pipes with diameter of 50, 63, 90, 110 mm	
Description of diaphragm:	1. Material: EPDM 2. Thickness: 1,9 mm 3. Active surface: 300 cm ²	SILICONE
Working temperature:	+5°C to 80°C	
Pressure loss:	<30-40 hPa for air flow at 1-6 m ³ /h	
Pressure loss at the end of lifetime:	<65 hPa for air flow at 6 m ³ /h	
Guarantee for oxygen transfer in clean water:	17gO ₂ /(m ³ _N x depth in m.)	
Air flow rates:	1,5 - 7 m ³ _N /h	
Min. air flow:	1,5 m ³ _N /h, or completely switched off	
Max. Air flow:	Shortly up to 10 m ³ /h (10min)	
Lifetime:	Till 8 years in residential sewage treatment plants, depending on sewage constitution and terms of operation	
Notice:	1. Diffuser can be made in special version for industrial treatment plants 2. Possible diaphragm exchange	



“AKWATECH” PRZEDSIĘBIORSTWO INŻYNIERII KOMUNALNEJ Spółka z o.o.
POLAND, 61-696 Poznań - ul. Serbska 4 ☐ tel. +48 61 820 20 11 ☐ fax. +48 61 820 20 91

Konto: Bank Zachodni WBK S.A.1 Oddział Poznań
Nr 2610901463000000046001522

NIP 778-00-43-631
KRS Nr 0000077268 S.R. w Poznaniu

<http://www.akwatech.com.pl>
e-mail: info@akwatech.com.pl