

Envicon EMR Membrane Tube Diffusers

EPDM AeroBest



ENVICON EMR membrane tube diffusers are quality products manufactured in Germany. Sophisticated membrane mixtures, a modern production process, together with optimised fine-bubble perforation guarantee a high-quality product throughout their service life and durable, cost-effective operation of aeration systems.



ENVICON tube diffusers are available with various membrane materials and in different lengths. The support tube has been optimised for low pressure loss and is very robust. This resilient design permits operation even in very powerful flows.

EPDM AeroBest

Low plasticiser content, peroxide crosslinked.

A peroxide crosslinked high-performance EPDM, suitable for supply air temperatures of up to 120°C and for higher proportions of industrial and commercial wastewater. This proven and especially tough product, made and perforated in Germany, is particularly efficient in combination with optimised fine-bubble aeration.

The membrane is fastened to the support tube using stainless steel clamps.

A special receptacle for the stainless steel clamps on the ends of the membranes makes it possible to fit the clamps accurately even on the replacement of the membranes on site and increases the sealing action. The groove protects tube diffusers EMR AeroBest against damage during transport and storage.

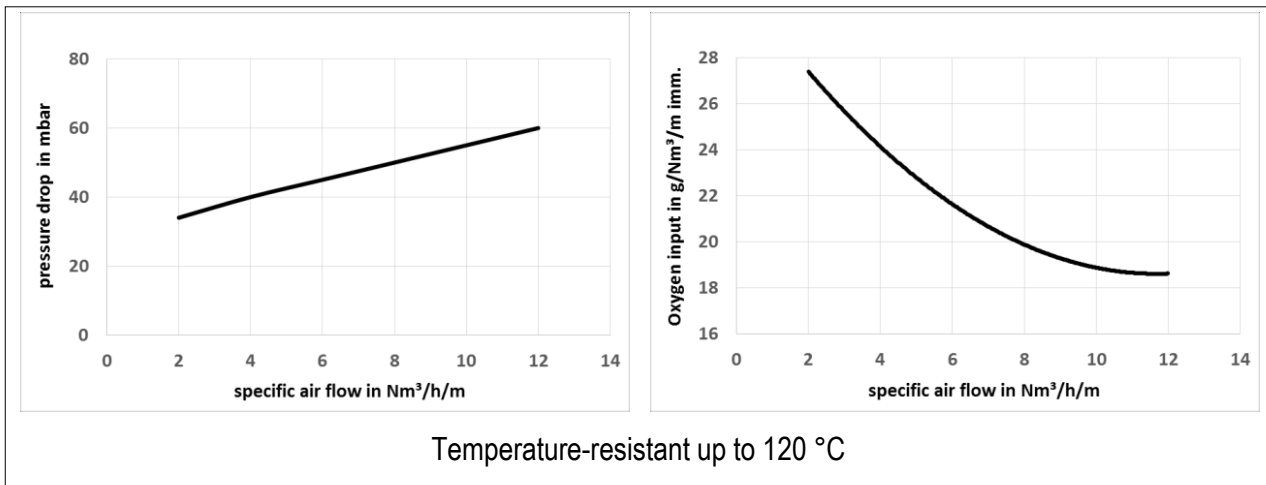


Envicon EMR Membrane Tube Diffusers

EPDM AeroBest

Technical Data

Technical data of EMR EPDM AeroBest, measured according to worksheet ATV M209 under standard conditions (pure water, water depth = 4.0 m, averaged over a density of 0.8 - 1.2 m diff./m²):



Operating Range (Nm ³ /h x meter diffuser length):		
Minimum (recommendation)	2	Permanent
Standard	4-8	Permanent
Maximum (specification)	12	Permanent
Maximum (specification)	15	Brief e.g. for flushing cycles

AeroBest EPDM Fine Bubble Diffusers				
Description	Effective Diffuser Length	Total Length	Maximum Operating Depth	Mantec Part Number
EMR 500 AeroBest	500 mm	545 mm	7.0 m	FGEMR0500AB
EMR 750 AeroBest	750 mm	825 mm	6.5 m	FGEMR0750AB
EMR 1000 AeroBest	1000 mm	1075 mm	6.0 m	FGEMR1000AB
EBA1	Fixing Adaptor (Single) for square or round pipe. See separate data sheet.			On request.
EBA2	Fixing Adaptor (for installation in pairs) for square or round pipe. See separate data sheet.			On request.