

Envicon EMR Membrane Tube Diffusers

EPDM AeroTop



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Low plasticiser content, sulphur crosslinked.

A proven, strong membrane made of sulphur crosslinked EPDM. Durable, efficient product with low plasticiser content for high demands and municipal wastewater according to DWAM 115 with up to 10% industrial and commercial content. Made and perforated in Germany. The optimised, fine-bubble aeration ensures excellent oxygenation.

The precise perforation ensures high oxygenation and low pressure loss. The membrane is fastened to the support tube using stainless steel clamps.

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.

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 AeroTop against damage during transport and storage.



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.

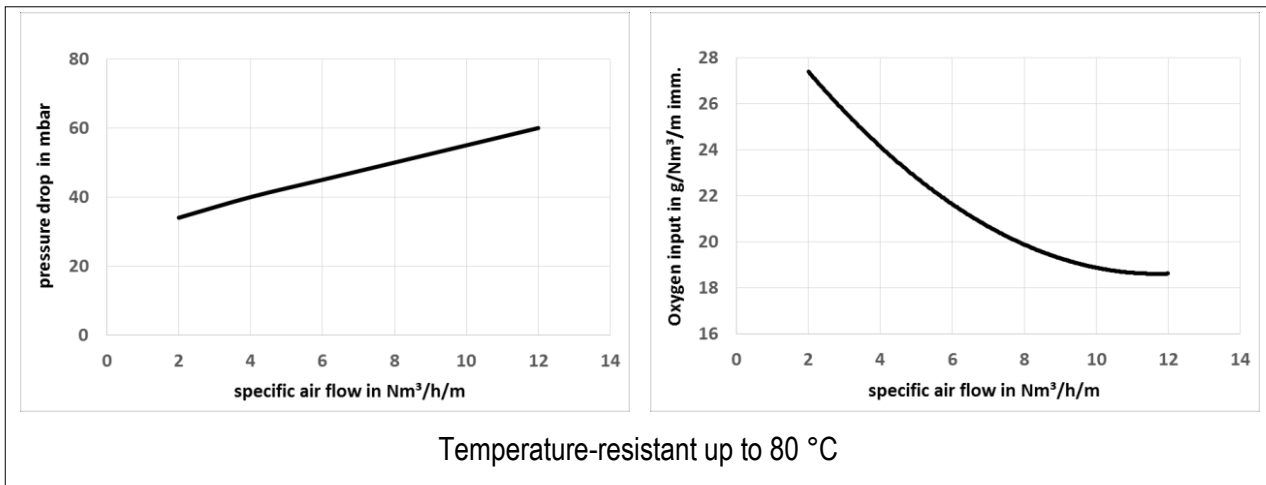


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Technical Data

Technical data of EMR EPDM AeroTop, 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

AeroTop EPDM Fine Bubble Diffusers				
Description	Effective Diffuser Length	Total Length	Maximum Operating Depth	Mantec Part Number
EMR 500 AeroTop	500 mm	545 mm	7.0 m	FGEMR0500AT
EMR 750 AeroTop	750 mm	825 mm	6.5 m	FGEMR0750AT
EMR 1000 AeroTop	1000 mm	1075 mm	6.0 m	FGEMR1000AT
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.