



USFilter

FLEXDISC™

FINE BUBBLE

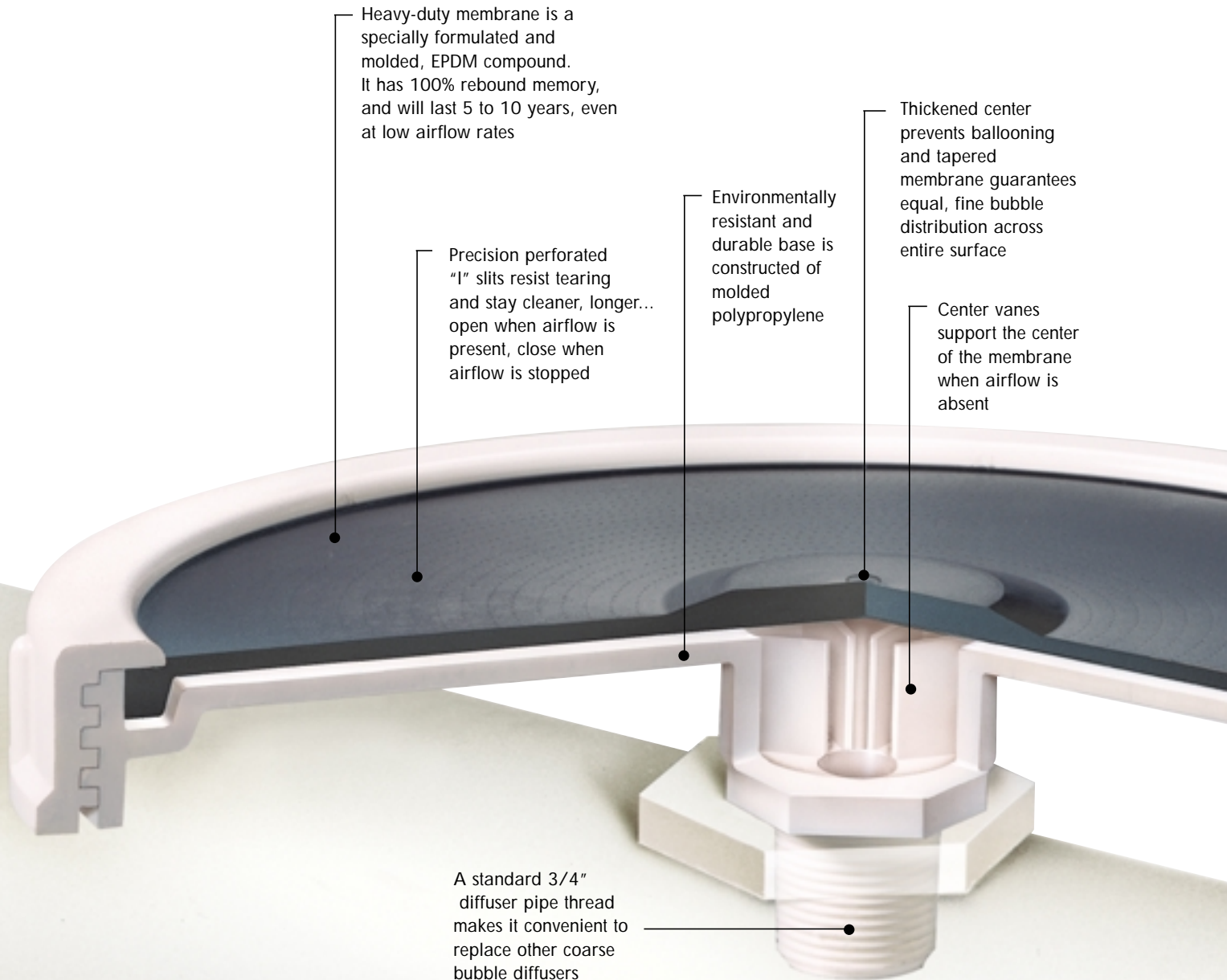
MEMBRANE

DIFFUSER



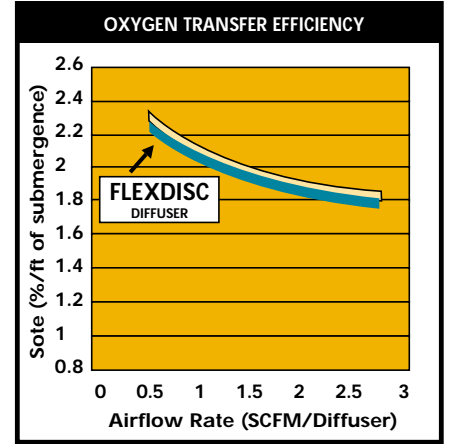
Typical FlexDisc installation.

FlexDisc is your best choice for new diffusion aeration installations utilizing fine bubble membrane technology. Its innovative design is undoubtedly the most efficient and cost effective diffuser of its kind...a real advancement in membrane diffuser engineering. In addition, FlexDisc has been designed for quick and easy retrofitting of existing diffused aeration installations to increase performance and decrease utility costs. USFilter also offers full technical assistance and complete piping systems for new or retrofit installations.



IMPROVED PERFORMANCE,
LOWER OPERATING COSTS

When compared to coarse bubble systems, the highly efficient FlexDisc will cut your electric utility costs in half. The higher oxygen transfer efficiencies will also permit greater process flows and improved effluent quality. The FlexDisc's unique sealing action when the airflow is stopped, eliminates plugging common with many coarse bubble diffusers. With the FlexDisc's threaded nipple, retrofitting of coarse bubble diffusers is often simply a matter of replacement.



This chart demonstrates the superior oxygen transfer efficiency provided by FlexDisc fine bubble diffusers.

OUTPERFORMS
CERAMIC DIFFUSERS

FlexDisc offers dramatically decreased maintenance and downtime as compared to ceramic fine bubble diffuser systems. Ceramic diffusers, with their rough surfaces and non-uniform air distribution, encourage biogrowth which results in reduced oxygen transfer efficiency and plugging, making it necessary to regularly

drain the tanks, hose and spray with dangerous acids or use gases for cleaning. FlexDisc with its smooth outer surface, uniform bubble distribution and continuous flexing of the rubber membrane eliminates build up of any type, thereby assuring a lifetime of efficient, maintenance free performance.



Threaded lock ring tightens to hold the membrane firmly in place

BEST QUALITY,
BEST SUPPORT

Our air diffusers are unsurpassed for efficiency, low cost and performance. We also offer full technical support to assist you with everything from air diffuser selection to complete aeration piping systems design for both new installations and retrofit.

USFilter offers the most complete line of fine and coarse bubble, plastic, stainless steel and membrane/ceramic air diffusers of any company in the industry, guaranteeing you'll find the right diffuser for your application. We also offer full technical support to assist you with everything from air diffuser selection to complete aeration piping systems design. For new installations, retrofit, or replacement, we're your one source.

Coarse Bubble Diffusers	Fine Bubble Diffusers
 <p data-bbox="289 873 420 898">SED DIFFUSER</p>	 <p data-bbox="678 873 943 919">FLEXDISC DIFFUSER (THREADED CONNECTION)</p>
 <p data-bbox="269 1108 444 1134">VARIAIR DIFFUSER</p>	 <p data-bbox="651 1188 966 1234">FLEXDOME DIFFUSER (CERAMIC DOME REPLACEMENT)</p>
 <p data-bbox="256 1262 461 1287">SNAP-CAP DIFFUSER</p>	 <p data-bbox="695 1514 915 1560">DUALAIR MEMBRANE & CERAMIC DIFFUSER</p>
 <p data-bbox="269 1446 444 1472">AIRSEAL DIFFUSER</p>	 <p data-bbox="172 1650 542 1675">WIDEBAND STAINLESS STEEL DIFFUSER</p>
 <p data-bbox="172 1797 542 1822">AIRBAND WIDEBAND PLASTIC DIFFUSER</p>	 <p data-bbox="675 1797 938 1822">FLEXLINE TUBULAR DIFFUSER</p>

To find out more about how to put USFilter to work for you, contact us at



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