

EPDM Membrane Diffuser Tube

Compact diffuser for aquaculture applications
Superior efficiency & durable low clog performance

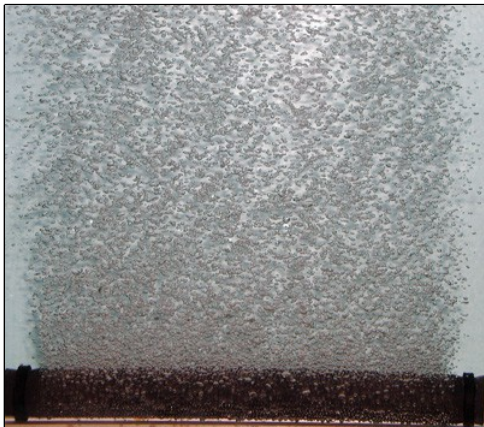


ETL series membrane diffuser is designed to deliver high oxygen transfer and mixing efficiency with greater service life and durability.

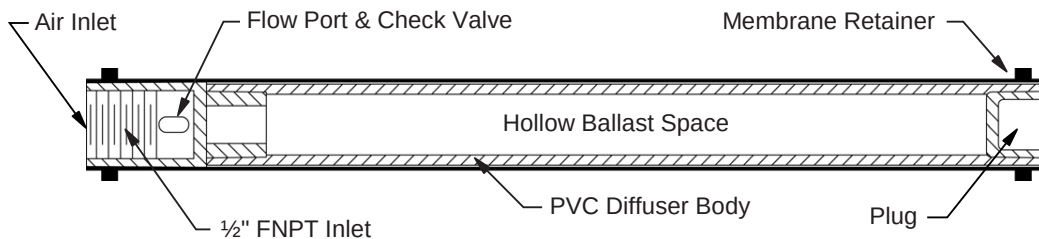
Engineered specifically for aquaculture and lake management markets, membrane diffuser is compatible with air and oxygen gas supply. For aquaculture applications, the diffuser excels in fish hauling tanks, recirculation tanks, rearing ponds, and aquariums. For lake management applications, high pumping, circulation, and oxygen transfer rate are beneficial, or direct aeration, mixing, and destratification.

High precision, die cuts are used to produce uniform distribution of fine gas bubbles. The flexible membrane diffuser features a triple check valve for clog and back-flow resistant performance and is well suited for continuous and intermittent applications.

The ETL series diffuser features a replaceable membrane sleeve that is secured with reusable clamps. The diffuser can be directly integrated into the piping system using threaded pipe fittings. Hollow body design allow filling of ballast on-site to reduce unit transportation cost.



- Precision die cut openings for high oxygen transfer efficiency and uniform air release
- Ideal for coarse bubble and ceramic diffuser upgrades
- No metal parts allow saltwater or freshwater applications (ETL300)
- High capacity membrane option available for maximum gas flow and low operating pressure (ETH300)
- Triple check valve design reduce water back flow, ideal for intermittent applications.
- Advanced technology, premium quality, flexible membrane
- Clog resistant design for low maintenance
- 3/4" (22 mm) diameter, 12" (30 mm) length
- Rugged construction



Model	Design Airflow		Length		Active Surface Area		Dry Weight		Net Operating Buoyancy	
	scfm	m ³ N/h	in	mm	ft ²	m ²	lb	kg	lb	kg
ETL300	0 - 2.0	0 - 3.2	12.0	305	0.17	0.16	0.25	0.11	0.30	0.14
ETH300	0 - 3.0	0 - 4.8								

- Optimum oxygen transfer efficiency is achieved when operating in the middle to low end of the airflow range. The approximate operating pressure of the diffuser at the mid-range is 13 to 16 inches H₂O (3 to 4 kPa).
- Operating the unit at high end of the range will result in reduced performance and increase operating pressure. Use the maximum airflow value for short term operations such as peak loads or system maintenance.