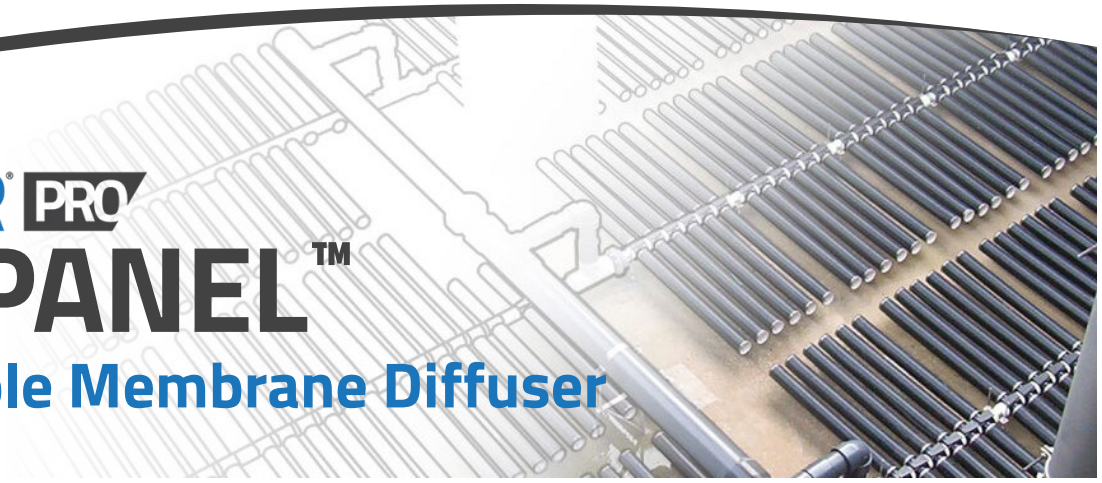
SPECIFICATION



FlexAIR® PRO MINIPANEL™

Fine-Bubble Membrane Diffuser

The EDI FlexAir® MiniPanel™ diffuser is a fine pore, flexible membrane diffuser that offers superior operational flexibility and oxygen transfer efficiency. It features an exclusive perforation design and perforated area and can be configured with precision perforations for superior SOTE and reduced operating pressure. The diffuser is ideally suited for on/off applications, energy savings schemes, or advanced biological treatments that require minimum maintenance.

Material Features

- Efficient geometry supports high-density installations of over 65% floor coverage
- Precision preforations for high oxygen transfer, uniform air release, and low operating pressure for less energy consumption and operating expenses.
- Easily replaceable premium quality membranes available in EPDM, Polyurethane (PU), High Temperature PU (HTPU), and Armor Coating, for reduced fouling and minimum maintenance.
- Backflow protection with triple check-valve design that prevents entry of liquids/solids into piping.
- Durable ABS Saddle and PVC non-buoyant body construction for maximum chemical & UV resistance; optional CPVC non-buoyant body for maximum temperature resistance.
- SDM Saddle mounts to 4”, 6”, 8” (110 mm and 160 mm) round shaped air piping.

5601 Paris Rd.
Columbia, Missouri
USA 65202

+1 573 474 9456
wastewater.com

atac EDI EOSi Napier-Reid Nexom
Axius Water companies

Model & Perforation	MP1 Nano	MP1 Micro	MP2 Nano	MP2 Micro	MP3 Nano	MP3 Micro
Typical Airflow (per Tube)	0.5-2.0 scfm 0.8-3.2 m³n/h	1-5 scfm 1.5-7 m³n/h	1-4 scfm 1.5-6 m³n/h	2-9 scfm 3-14 m³n/h	1.5-6 scfm 2.5-10 m³n/h	3-13 scfm 5-21 m³n/h
Maximum Airflow (per Tube)	2.5 scfm 4.0 m³n/h	6.5 scfm 10 m³n/h	5.0 scfm 8.0 m³n/h	13 scfm 20 m³n/h	8.0 scfm 13 m³n/h	20 scfm 32 m³n/h
Duplex Overall Length	4.0 ft 1207 mm	4.0 ft 1207 mm	6.9 ft 2108 mm	6.9 ft 2108 mm	9.7 ft 2946 mm	9.7 ft 2946 mm
Operational Buoyancy	2.6 lb 1.18 kg	2.6 lb 1.18 kg	3.85 lb 1.74 kg	3.85 lb 1.74 kg	5.05 lb 2.29 kg	5.05 lb 2.29 kg
Dry Weight	4.7 lb 2.13 kg	4.7 lb 2.13 kg	7.5 lb 3.42 kg	7.55 lb 3.42 kg	10.4 lb 4.71 kg	10.4 lb 4.71 kg
Active Surface Area	0.88 ft² 0.08 m²	0.88 ft² 0.08 m²	1.76 ft² 0.16 m²	1.76 ft² 0.16 m²	2.64 ft² 0.25 m²	2.64 ft² 0.25 m²

NOTES:

- Values listed in the specification chart are per tube, unless noted otherwise.
- Optimum oxygen transfer efficiency is achieved when operating in typical airflow range.
- Operating below the Typical Airflow range will lead to poor uniformity and higher risk of fouling.
- Operating at or above Maximum Airflow for extended periods may lead to reduced or diminished SOTE and decreased membrane longevity.

Working with EDI is easy:

1 **We walk you through exactly what project info we need.** Call +1 573 474 9456 or visit wastewater.com.

2 **We supply** drawings, specs, best-in-class aeration, support, even install!

3 You rest easy, knowing your plant has ***Aeration for life***®