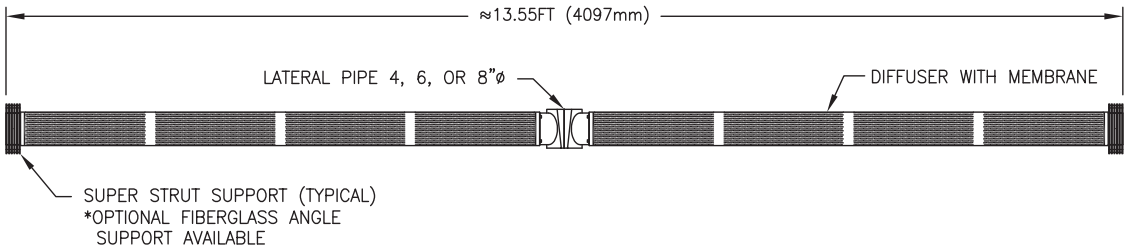
aeration for life

PRODUCT SPECIFICATIONS

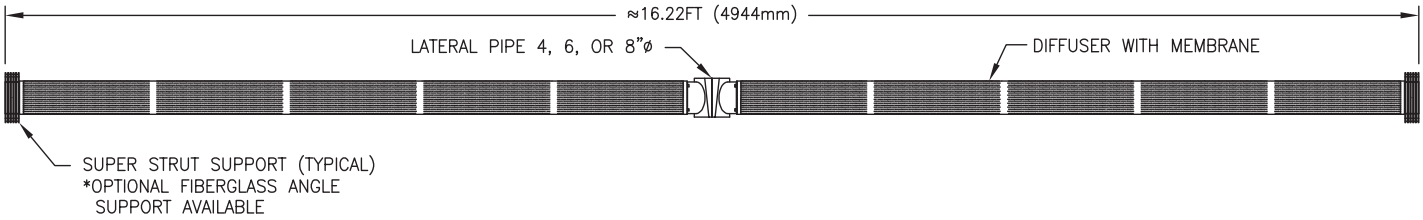
FlexAir™ MiniPanel
MP4 & MP5

- Mounts to 4”, 6”, 8”, 110 mm and 160 mm air piping
- PVC/ABS construction for maximum chemical & UV resistance, and optional CPVC for maximum temperature resistance
- NanoPore™ and MicroPore™ perforation options available for engineered OTE and operating pressure requirements
- Tips supported for leveling and support
- Horizontal projected diffuser area for maximum OTE performance. System geometry supports high-density installations of over 65% floor coverage
- Non-buoyant design for reduced stress on mounting connections and for water cooling
- Advanced technology premium-quality membranes available in EPDM, polyurethane, PTFE Matrix™ and others

PLAN VIEW OF MINIPANEL - **MP4 DIFFUSER UNIT**



PLAN VIEW OF MINIPANEL - **MP5 DIFFUSER UNIT**



METRIC

Diffuser Type	Perforation Type	Design Airflow m^3_N/h	Active Surface Area m^2	Operating Buoyancy kg	Dry Weight kg
MP4	Nano	0–17	.328	2.79	6.30
	Micro	0–42	.328	2.79	6.30
MP5	Nano	0–22	.410	3.49	7.67
	Micro	0–52	.410	3.49	7.67

ENGLISH

Diffuser Type	Perforation Type	Design Airflow scfm	Active Surface Area ft^2	Operating Buoyancy lb	Dry Weight lb
MP4	Nano	0–11	3.52	6.15	13.9
	Micro	0–26	3.52	6.15	13.9
MP5	Nano	0–14	4.40	7.70	16.9
	Micro	0–33	4.40	7.70	16.9

- * Values listed are per tube unless noted
- * For high-capacity units, active area & air capacity doubled.
- 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 (3.2–4.0 kPa).
- Operating the unit at the high end of the range will result in reduced performance and increased operating pressure.
- Use the maximum airflow value for short-term operations such as peak loads or system maintenance.
- Short-term operation (peak conditions) up to 2x design airflow.