



SPECIFICATION



CoarsAIR MAXAIR™ PVC PVC Coarse Bubble Diffuser

The EDI CoarsAir MaxAir™ PVC or CPVC Diffusers offer efficient mixing for demanding applications such as aerobic digesters or industrial wastewater treatment. The CoarsAir MaxAir PVC diffuser can withstand abrasion and is resistant to most inorganic substances, diluted acids, alkalis, and aliphatic hydrocarbons. The CoarsAir MaxAir CPVC diffuser offers outstanding long-term resistance to corrosive chemicals or seawater, even at high temperatures, and can efficiently withstand most acids, bases, salts, and other aggressive chemicals.

Material Features

- The inverted air chamber design ensures uniform air release across a wide range, resulting in great airflow capacity.
- The multi-level air metering orifice design ensures full utilization across the unit's operating range.
- Available in 24-inch (610 mm) length with a total 48-inch (1220 mm) air release perimeter on simplex or duplex configurations.
- Patented Spectrum™ diffuser mount provides optimum strength and ease of installation on any pipe material and is available 4", 6", 8", 110 mm and 160 mm pipe sizes.
- Clog resistant self-purge design.
- Standard open bottom with optional closed bottom deflector available.
- PVC standard material (MXPV) or optional CPVC material (MXCV) for maximum chemical and temperature resistance.

Model	MXPV-24	MXPV-24 Duplex	MXCV-24	MXCV-24 Duplex
Material	PVC	PVC	CPVC	CPVC
Typical Airflow	10.0-25.0 scfm 15.8-39.6 m ³ n/h	10.0-50.0 scfm 15.8-79.2 m ³ n/h	10.0-25.0 scfm 15.8-39.6 m ³ n/h	10.0-50.0 scfm 15.8-79.2 m ³ n/h
Maximum Airflow	50.0 scfm 79.2 m ³ n/h	100.0 scfm 158.4 m ³ n/h	50.0 scfm 79.2 m ³ n/h	14.0 scfm 22.2 m ³ n/h
Overall Length	33.0 in 838.2 mm	66 in 1676.4 mm	33.0 in 838.2 mm	66 in 1676.4 mm
Orifice Size	Specifically designed for every application.			
Dry Weight	3.1 lb 1.4 kg	4.3 lb 2.0 kg	3.2 lb 1.4 kg	4.3 lb 2.0 kg
Net Operating Buoyancy	6.0 lb 2.7 kg	4.0 lb 1.8 kg	6.0 lb 2.7 kg	4.0 lb 1.8 kg
Temp. Maximum	130°F 54°C		211°F 99°C	

NOTES:

- Values listed in the specification chart are per diffuser unit, unless noted otherwise.
- Optimum performance is achieved when operating in typical airflow range, Coarse Bubble Diffuser can operate at Maximum Operational airflow, please consult EDI for guidance.

Working with EDI is easy:

<p>1 We walk you through exactly what project info we need. Call +1 573 474 9456 or visit wastewater.com.</p>	<p>2 We supply drawings, specs, best-in-class aeration, support, even install!</p>	<p>3 You rest easy, knowing your plant has Aeration for life®</p>
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SPECIFICATION: CoarsAir MaxAir PVC (SS180-EA-25-03)