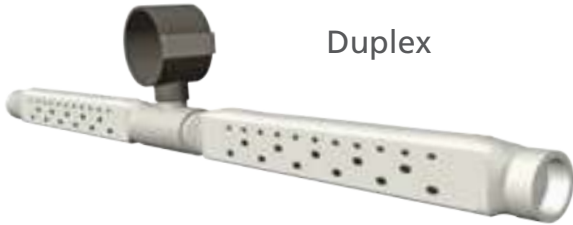




PRODUCT SPECIFICATIONS

MaxAir™ PVC Coarse Bubble Diffuser

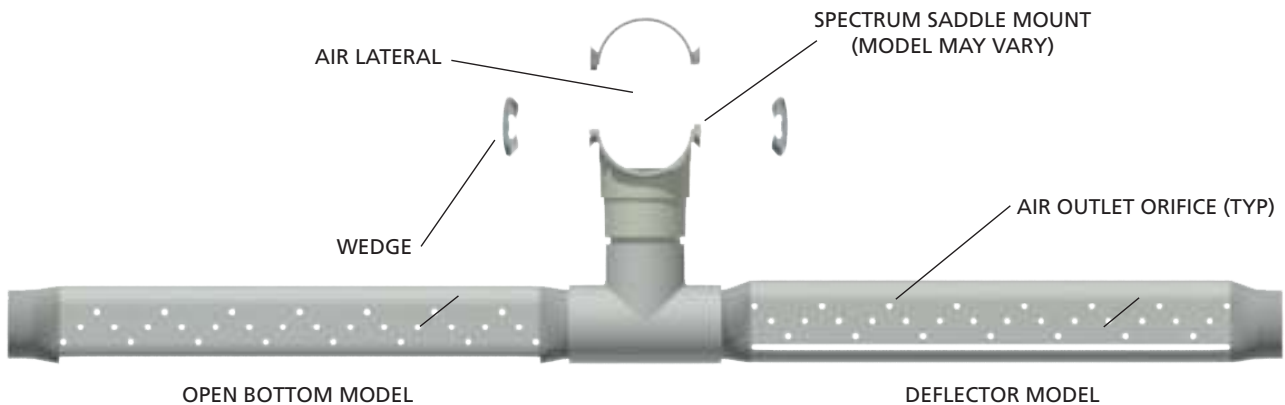


Duplex



Simplex

- Simplex or duplex configuration
- Designed for high airflow capacity
- Available in 24-inch length (610 mm)
- Clog resistant self-purge design
- Full 48-inch air release perimeter (1220 mm)
- Standard units in stock for immediate shipment
- Standard open bottom with optional closed bottom units available
- PVC or optional CPVC construction for maximum chemical and temperature resistance
- Three-level air discharge for wide flow range operation
- Fully non-metallic—corrosion resistant



METRIC						ENGLISH					
Diffuser Type	Design Airflow	Diffuser Length	Orifice Size	Operating Buoyancy	Dry Weight	Diffuser Type	Design Airflow	Diffuser Length	Orifice Size	Operating Buoyancy	Dry Weight
	m ³ /h	mm	m ²	kg	kg		scfm	in	ft ²	lb	lb
Simplex	0–79	813	Engineered appropriately for each project	4.9	2.7	Simplex	0–50	32.0	Engineered appropriately for each project	11	6.0
Duplex	0–158	1630		7.7	5.0	Duplex	0–100	64.0		17	11

• The approximate operating pressure of the diffuser at the mid-range is 5–10 inches H₂O (1.2–2.5 kPa).

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MaxAir™ PVC: Coarse Bubble Diffuser



Processes:

Biological Aeration
Activated Sludge Processes
Oxidation Ditch
Sequence Batch Reactors (SBR)
Membrane Bio Reactors (MBR)
Moving Bed Bio Reactors (MBBR)
Sludge Stabilization/Digestion
Package Plants



Applications:

Municipal Wastewater
Industrial Wastewater
Fixed Grid Systems
Lift-Out Systems
Floating Systems
Tank Mixing
Controlled Oxygen Transfer
Low Head Loss



Industries:

Food and Drink
Dairy and Cheese
Pulp and Paper
Oil and Gas
Animal Processing
Leachate
Energy and Power
Pharmaceutical



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