



MaxAirTM
Diffuser System

EDI MaxAir™ Diffuser System

When coarse bubble diffusers are required for process capability or operational reliability, the patented MaxAir™ system is a superior choice. The EDI MaxAir™ has durability and strength for superior service while delivering efficient coarse bubble diffuser performance.

System Capabilities

- Economical System Capital Cost
- Simple and Economical Field Installation without Special Tools
- Minimum Maintenance Requirements
- Low System Pressure Loss
- Spectrum™ Mounting Saddle; MaxAir™, FlexAir™ and REEF® Diffusers Interchangeable

Process Features

- Coarse Bubble Aeration
- Maximum Air Flow Operating Range, 0-50 cfm
- Maximum Mixing Capability

Diffuser Element Features

- Uniform Air Dispersion over Diffuser Length
- Innovative Orifice Design to Minimize Solids Accumulation

- Maximum Resistance to Clogging using Open Bottom Design
- No Moving Parts Standard

Mechanical Design Features

- Maximum Strength Inlet Connection to Eliminate Breakage
- Maximum Corrosion Resistance with Heavy Duty PVC Body
- Diffuser Connection Reinforces Air Lateral
- Closed Bottom Deflector Design Optional

Piping Features

- PVC Laterals for Maximum Economy
- Mounts on Any Pipe with Standard Iron Pipe Diameter (PVC, SS, etc.)
- Individual Diffuser Leveling Feature
- Engineered Pipe Support Assemblies
- Fixed or Removable Headers Available
- Floating Piping Systems Available

Please contact your local EDI Representative for system design and MaxAir application information. Reference EDI Spectrum Diffusion Systems literature for additional information on aeration-mixing systems offered by EDI.

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