

Enhanced fine bubble aeration



Significantly improved Fine Bubble membrane disc aeration

- provide improved aeration performance for the MSABP
- Beneficial for conventional activated sludge plants, aerobic digesters, MBR's and SBR's



Mechanical, Elastomeric and Quality control enhancements in a fine pore membrane

- unmatched industry performance as per independent tests
- +5% performance improvement over current industry diffuser formulations
- diffuser uniformity and aeration performance

Unique holder design and improved retainer ring

Anti-rotation joints provide greater strength and sealing

Aquarius membrane discs are interchangeable with EDI and ITT 9" membrane discs, making performance improvement immediately available



Coarse bubble aeration

Coarse bubble diffused aeration in both fixed grid and removable configurations

- Materials include 304L and 316L grade stainless steel

Durable, long term mechanical connection

- Cast diffuser connectors, mutually reinforced to the aeration piping

- Corrosion protection is enhanced by full penetration welds and immersion passivation

Near linear oxygen transfer with allowable air rates of 5-50 scfm per diffuser

- Cast diffuser connectors, mutually reinforced to the aeration piping

Suited to conventional aeration, highly loaded systems, sludge storage, aerobic digesters and channels

Interchangeable with any existing 3/4" NPT diffuser connector

