

9" Disc Diffuser

DAYSiL

Specifications

- Diameter: 276 mm (effective: 220 mm)
- Perforated area: 0,038 m²
- Weight: 670 gr
- Net height: 33 mm
- Connection: ¾ male PT
- Orifice: 8,5 mm
- Operating range: 2-10 m³/h (peak output 3-4 m³/h)
- Maximum flow rate: 15 m³/h
- Bubble size: 1-3 mm
- EPDM structure: Sulphur crosslinked
- VMQ structure: Peroxide crosslinked



Advantages

- Tested high oxygen transfer efficiency
- Low head loss value.
- Slit geometry is developed via R&D activities
- Smooth membrane surface preventing the formation of bacterial plaque
- Surface structure enabling the bubbles to easily leave the membrane surface
- Small and intensive slit structure, maximising oxygen transfer efficiency
- Specially developed, long-lasting membrane elastomer formulation.

Applications

- Municipal and industrial wastewater treatment
- Water treatment
- Renaturation of lakes and rivers
- Fish farming

Performance:

Performance of DAYSiL diffusers is measured according to the Advisory Leaflet ATV-M 209E (Measurement of the Oxygen Transfer in Activated Sludge Aeration Tanks with Clean Water and in Mixed Liquor) of DWA – German Association for Water, Wastewater and Waste.

