

aquaflex...



APD1100

FINE BUBBLE

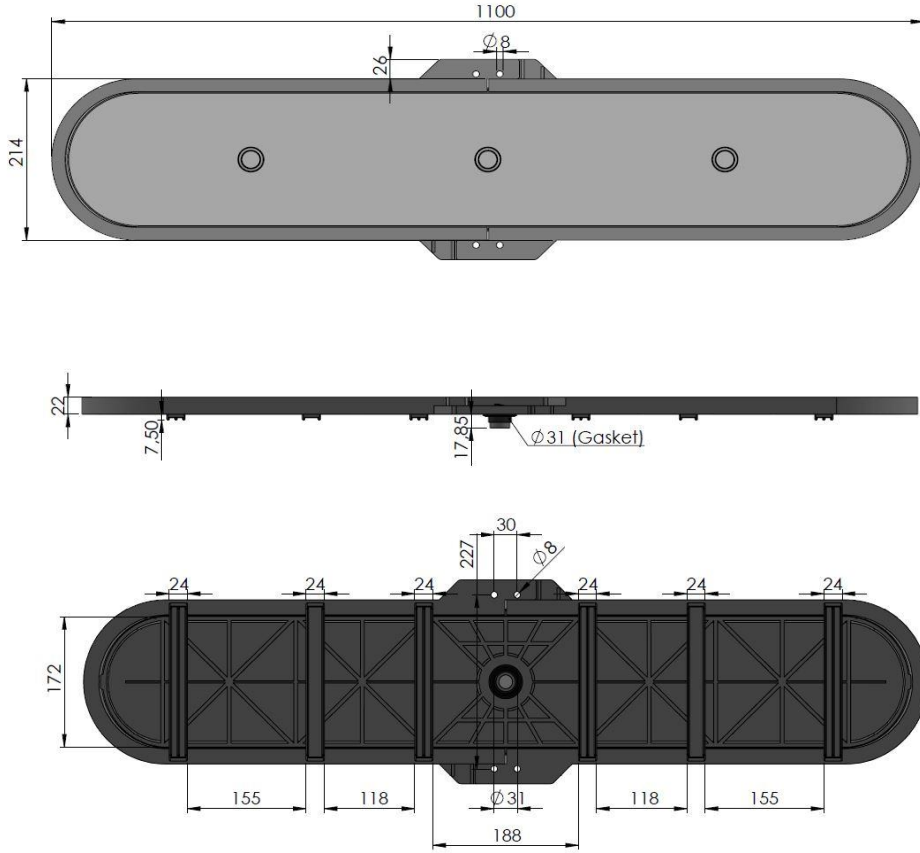
PLATE DIFFUSER

TECHNICAL DATA SHEET

Üçbeyler Altyapı Arıtma A.Ş.
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aquaflex Fine Bubble Plate Diffuser is great solution for wide aeration tanks. It offers great efficiency and floor coverage with low head loss. **aquaflex** plate diffuser is due to its design extremely simple for installation.

Type	Total Height (mm)	Length Effective/Total (mm)	Perforated Area (m ²)	Capacity (m ³ /h)	Material of Membrane	Total Weight (kg)	Outlet
APD1100 Plate Diffuser	61	185*1070/270*1105	0,20	2-25	EPDM & Silicon	3,53	2" Male or 30 mm Male

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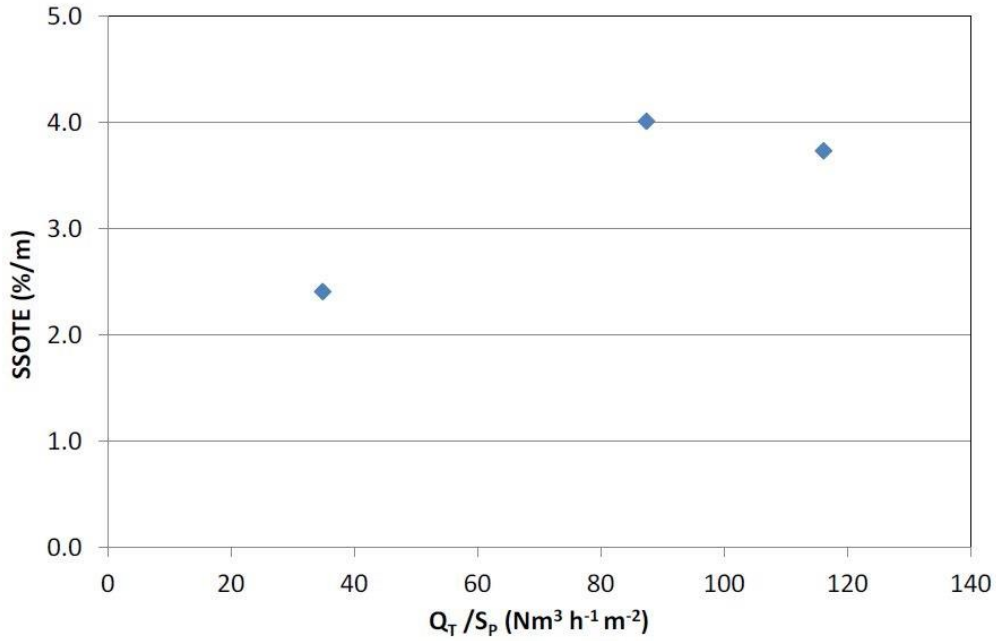
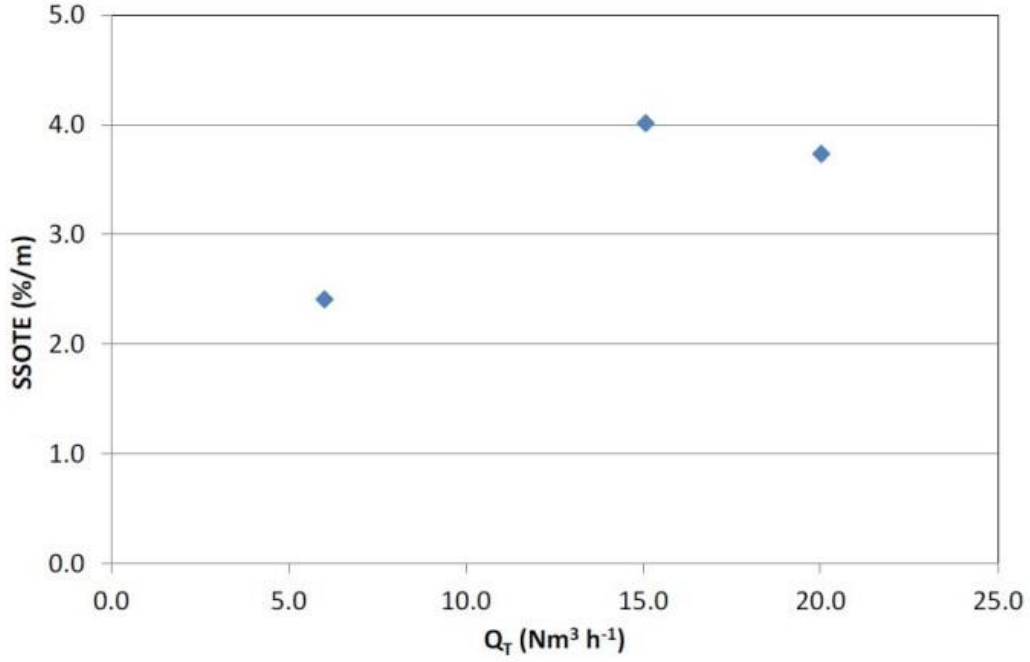


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- Polypropylene (PP) + GFR30 body from two parts fixed together with AISI304 bolts and nuts.
- EPDM or Silicone membrane with conically designed pores to have best oxygen transfer with bubbles of an average diameter < 3 mm.
- Membrane has thicker center without pores which additionally covers inlet and eliminate clogging.
- aquaflex Fine Bubble Plate Diffusers are suitable to be used on PVC, steel, or stainless steel pipes.

Oxygen Transfer Information



Specific standard oxygen transfer efficiency against air flow rate and air flow rate per m² of perforated surface (1 Aquaflex plate diffuser APD 1100 EPDM - 7.54 m of submergence)

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