

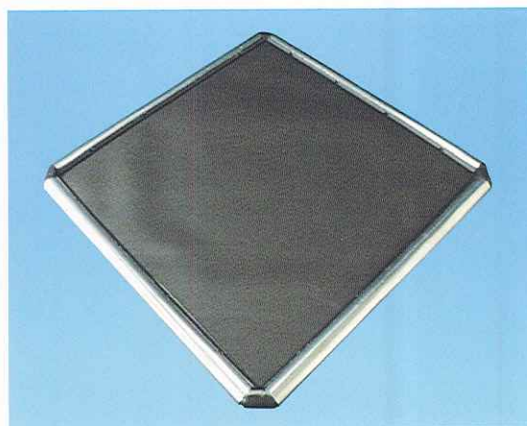
PEARL COMB® MEMBRANE DIFFUSER

New Panel type

PMD-P300 α -F



PMD-P300 α -F



Reduced energy consumption

- ➔ High oxygen transfer efficiency
- ⇒ Ultra-fine air bubbles

Low pressure loss

- ➔ Reduction in power

Maintenance-free

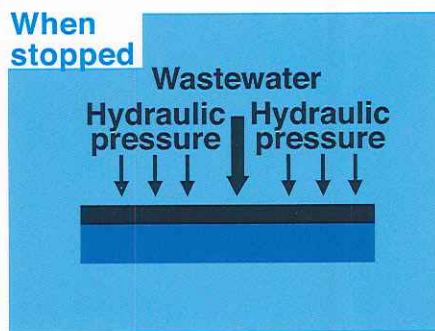
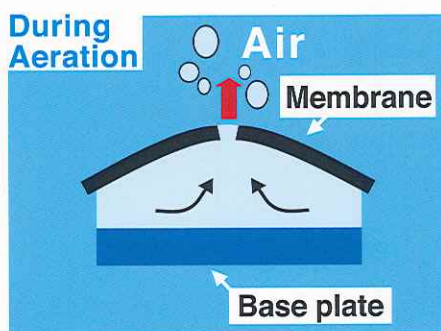
- ➔ No backflow Structure

Specifications

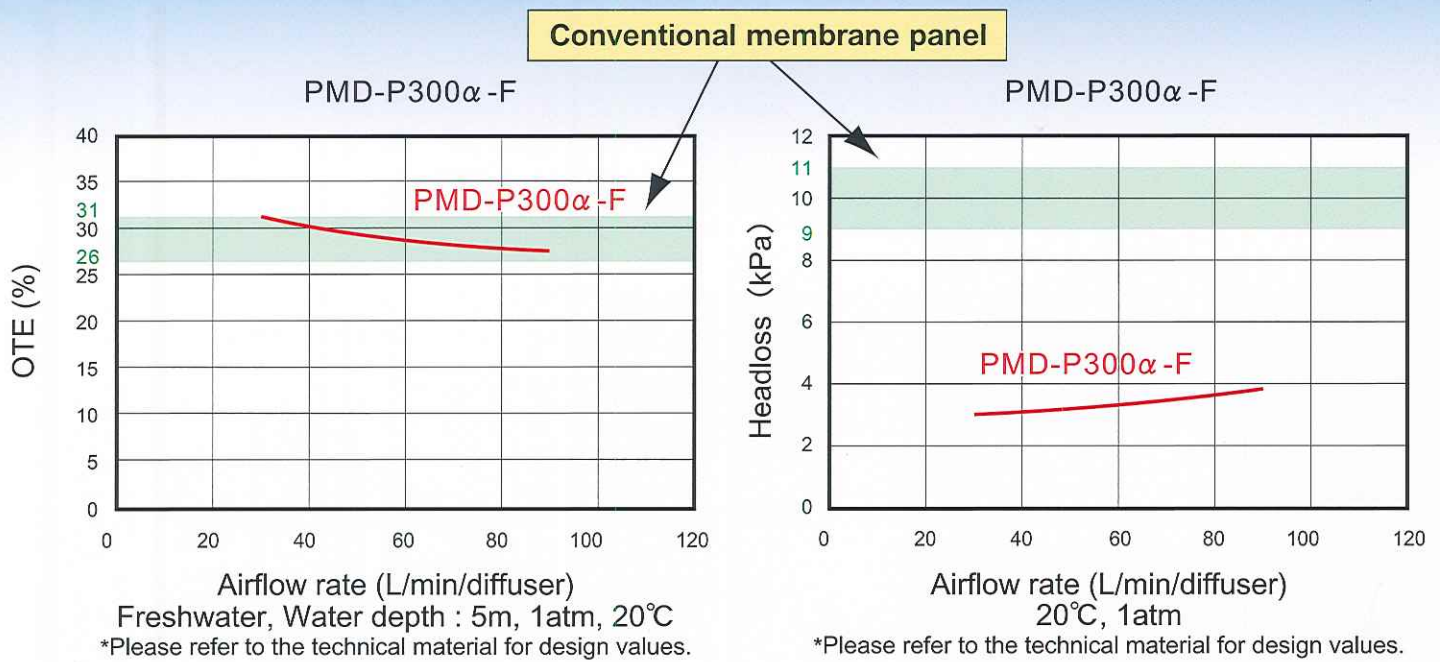
Type	PMD-P300 α -F
Dimensions	□ 328mm(approx.)
Area	864cm ²
Membrane material	EPDM
Holder material	PP & SUS304

Structure and principle

- The pores open during diffusion to generate fine bubble.
- The pores close instantaneously when operation stops.
→ Prevention of pore clogging
- Prevention of wastewater from seeping into the gap between membrane and base plate



Comparison of performance

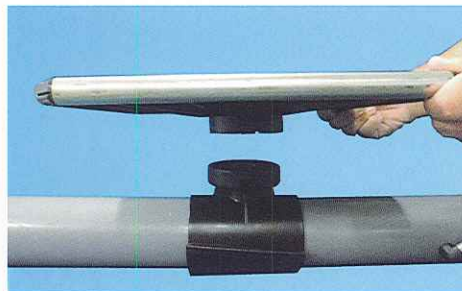


HIGH OXYGEN TRANSFER EFFICIENCY/LOW PRESSURE LOSS

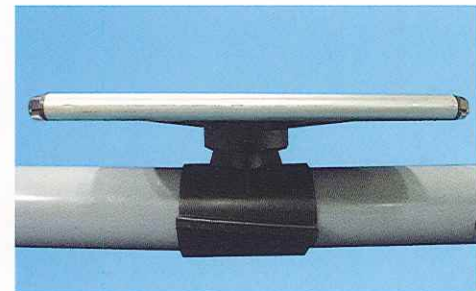
Slide saddle mounting method



Installation of slide holder

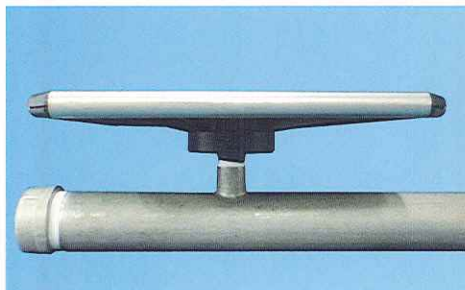


Fitting the diffuser on slide holder



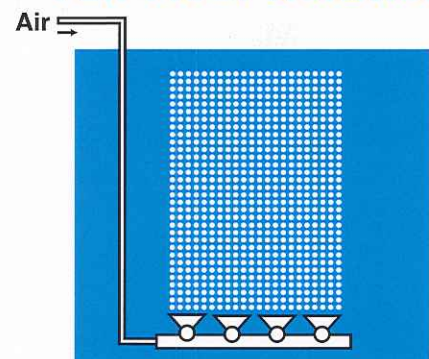
Completion

Type of the screw mounting



Easy
Setting!

Full Floor Aeration



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