



FINE BUBBLE MEMBRANE AIR DIFFUSER

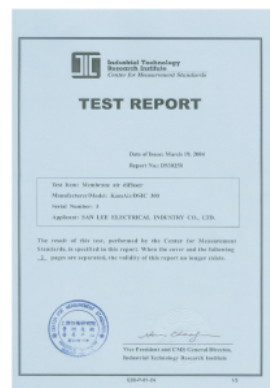
The KamAir disc diffuser is a fine pore flexible membrane diffuser that provide operational flexibility with maximum oxygen transfer efficiency. KamAir 10" & 12.5" diameter diffusers employ a 3/4" diameter PT (male) threaded connection for ease of installation/maintenance and universal application. Alternate materials of constructions are available for special applications. KamAir disc diffuser units are available with premium quality EPDM membranes. Multiple perforation patterns are available to optimize system performance. The flexible membrane diffusers incorporate an external check valve design to prevent intrusion of liquid or solids into the diffuser or air piping under normal on/off operating conditions.

Technical Data :

Technical Data	KAD-215	KAD-250	KAD-320
Material: -Membrane with precision holes. -Support dish	High grade EPDM, Silicone ABS	High grade EPDM, Silicone ABS	High grade EPDM, Silicone ABS
Diameter	8" (215mm)	10" (250mm)	12.5" (320mm)
Size & quantity of bubble	1-3mm, 4,400 holes	1-3mm, 6,600 holes	1-3mm, 8,300 holes
Connection	3/4"PT	3/4"PT	3/4"PT
Best continuous operation	1-7m ³ /h. Max. : 7m ³ /h	1.5 – 8.5 m ³ /h. Max: 8.5 m ³ /h	3.0 – 15 m ³ /h. Max: 15m ³ /h
Operation temperature range	0 ~ +100°C	0 ~ +100°C	0 ~ +100°C

APPLICATION :

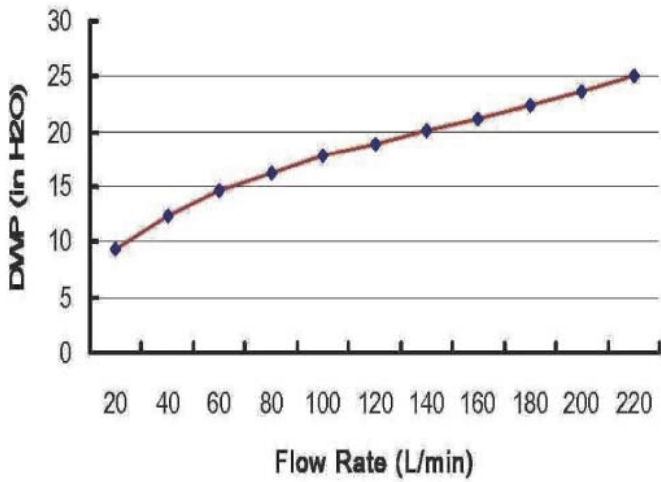
1. Municipal wastewater treatment.
2. Intermittent operation capability
3. Clean water treatment
4. Sludge stabilization
5. Aeration of fish pond
6. Aeration of streams and lakes.



Diffuser Oxygen Transfer Efficiency And Pressure Drop

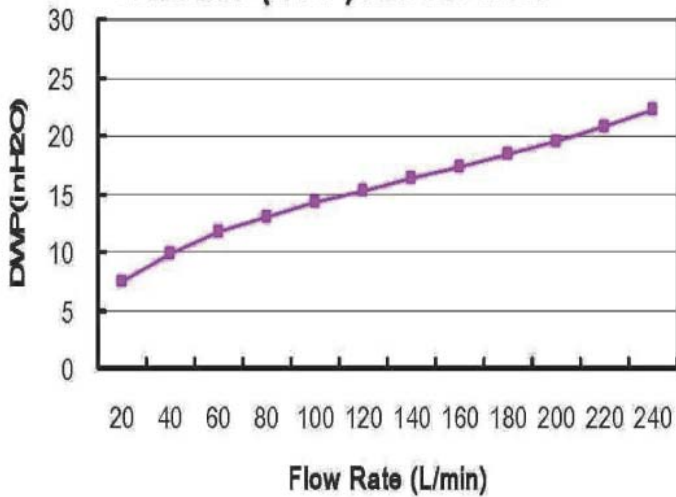
KAD250

Headloss (DWP) Vs Flow Rate

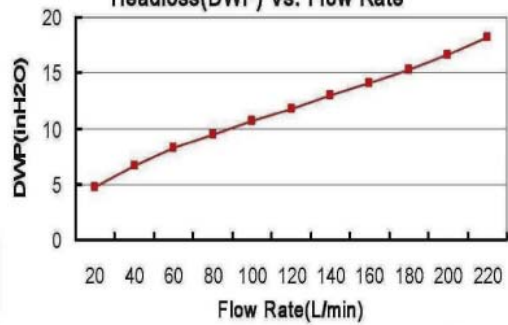


KAD320

Headloss (DWP) Vs. Flow Rate



**KamAir Tube Diffuser
Headloss(DWP) Vs. Flow Rate**



**KamAir Tube Diffuser Oxygen
Transfer Efficiency**

