

Fine Bubble Membrane Air Diffuser

The TRUNDEAN disc diffuser is a fine pore flexible membrane diffuser which provide operational flexibility with max oxygen transfer efficiency. TRUNDEAN 10" & 12" diameter diffusers employ a 3/4" diameter PT (male) threaded connection for ease of installation/maintenance and universal application. Alternate materials of construction are available for special applications. TRUNDEAN 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 operating condition.

Technical Data

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Material:	High grade EPDM, Silicone	High grade EPDM, Silicone
- Membrane with precision holes		
- Support dish	ABS or PP	ABS or PP
Diameter	10" (250mm)	12" (300mm)
Size & quantity of bubble	1~3 mm, 6600 holes	1~3 mm, 8300 holes
Connection	R3/4" PT	R3/4" PT
Best continuous operation	1.5~8.5m ³ /min	3.0~15m ³ /min
Operation temperature range	0~100°C	0~100°C

APPLICATION:

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

