

# FINE BUBBLES DISC DIFFUSER



**JDD Series**

FINE BUBBLE DISC DIFFUSER

# JDD 245 & 330 Series

## Features:

Low operating costs

Reduced energy consumption when we operated the membrane diffuser brings considerable cost savings

Constant back valve

The self-cleaning design prevents clogging and highly resistant to fouling

High oxygen transfer rate

Equally distributed micro pores on the diffuser membrane. Consistently produce 1-3 mm fine air bubbles that increase the surface contact area with water, greatly increasing the oxygen transfer efficiency.

Simple installation procedures

Diffuser range to be installed on most existing air header systems without tools required.

Extended lifetime expectancy

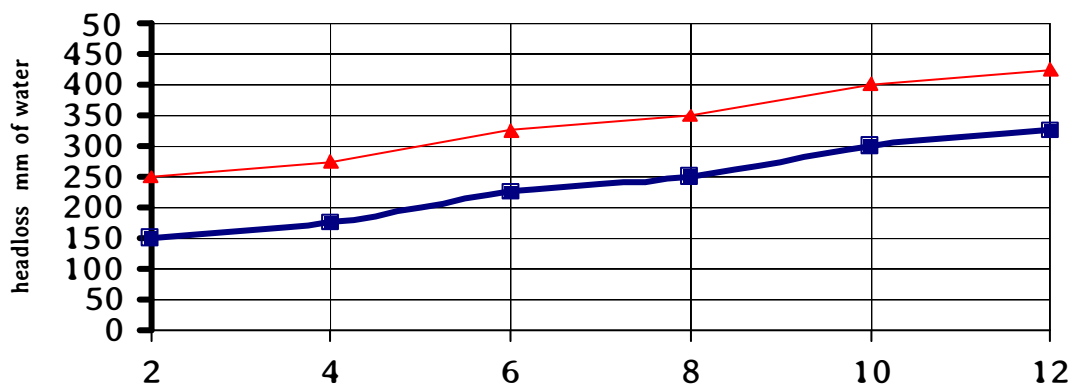
EDPM membrane maintains elasticity and is resistant to even the most aggressive wastewater components

Reliable intermittent aeration operation

An integral check-valve system makes the diffuser ideally suited for air-on/air-off operations such as SBR's

## HEADLOSS CHART

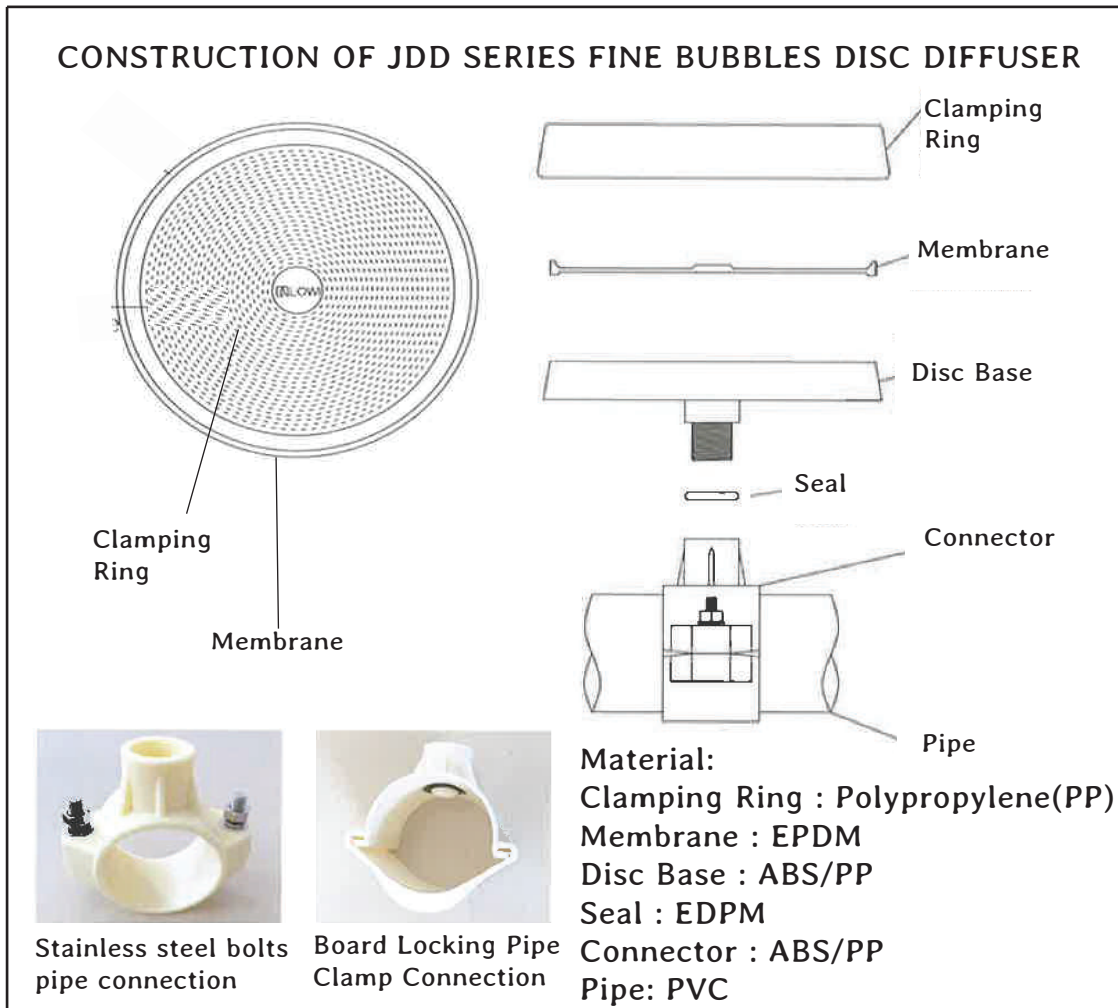
JDD 245  
JDD 330



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## CONSTRUCTION OF JDD SERIES FINE BUBBLES DISC DIFFUSER



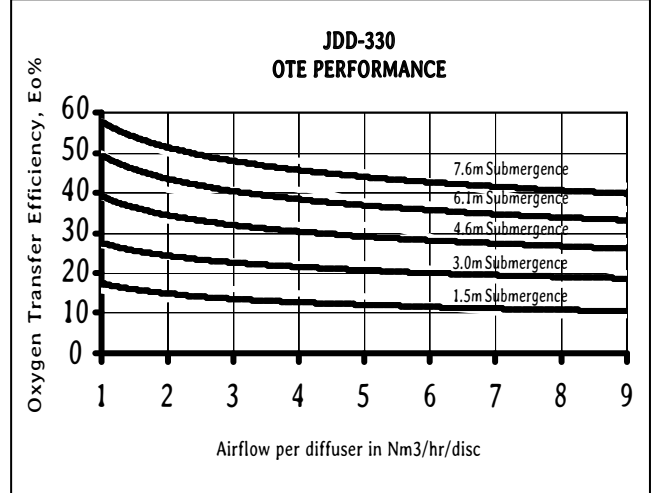
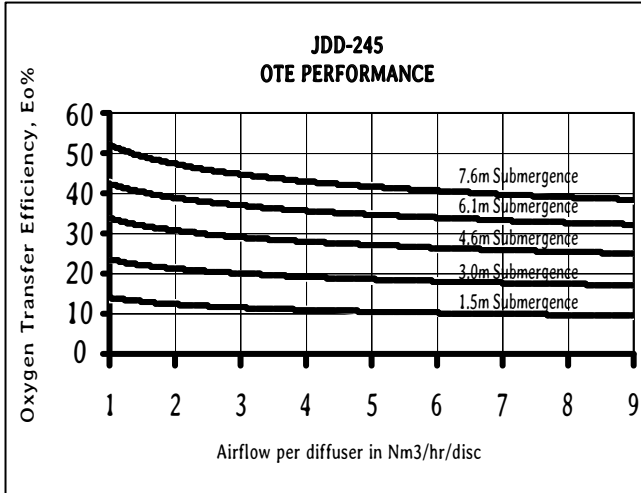
| TECHNICAL DATA ( Specification ) |                  |                  |
|----------------------------------|------------------|------------------|
| Model                            | JDD-245          | JDD-330          |
| Dia. of Disc (mm) / Connection   | 245 (10") 3/4"PT | 330 (12") 3/4"PT |
| Air Flow (Nm <sup>3</sup> /hr)   | 1.0-7.2          | 1.0-12.0         |
| Bubbles Size (mm)                | 1-3              | 1-3              |
| Floor Coverage (%)               | 2-25             | 2-25             |
| Maximum Working Temperature (°C) | 85               | 85               |
| Weight                           | 0.60kg           | 0.85kg           |

All technical information is subject to change without notice.

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## OTE EFFICIENCY CURVE



## JOB REFERENCE

