DIFFUSER TUBE SPECIFICATIONS

A) Membrane

I) Description

Microporous Diffusion Membrane

II) Dimensions	**I.D.**	**O.D.**	**Length**
	1.32"	1.72"	12"; 18" or 24"

III) Material of Construction

75% Recycled SBR Rubber 25% Linear Low Density Polyethylene

IV) Performance

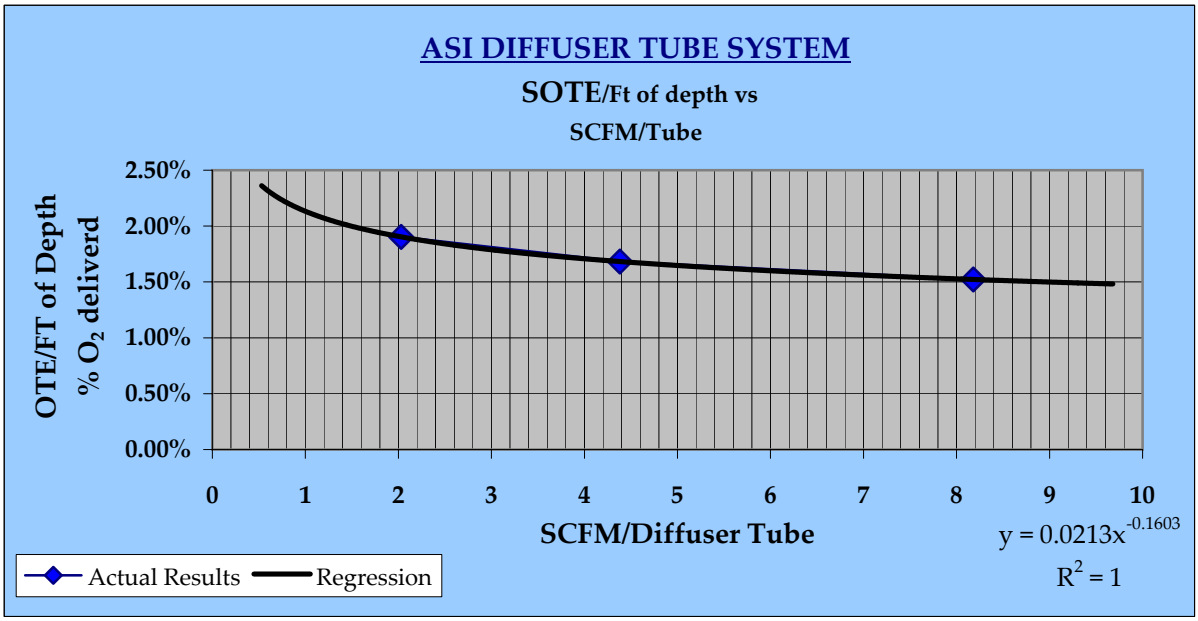
a) Maximum operating pressure differential **10 PSI**

b) Operating Temperature Range **0-135 ^{O}F**

c) Average Pore Size **50 Micron**

d) OXYGEN TRANSFER EFFICIENCY (As measured Per ASCE 2-92)

In Terms of Standard Oxygen Transfer Efficiency (% O_2 delivered/ft of sumbergence)



e) Headloss in Inches of water

6.11 Inches of Water@ 2.03 SFCM/Diffuser

10.19 Inches of Water@ 4.38 SFCM/Diffuser

21.75 Inches of Water@ 8.18 SFCM/Diffuser

B) Components

Name	Description	Material
Membrane Clamps (2)-	Clamps Membrane to Support Structure	1/4" Wide Stainless Steel
Manifold Connector	Connects Diffuser tube to Air Supply	3/4" ID X 2" NPT SS nipple
Internal Manifold	Distributes air supply to Membrane	PVC