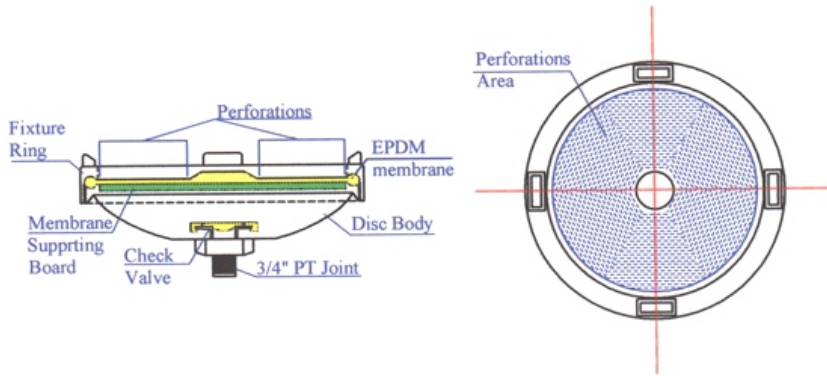


Disc Diffuser

The “U” type Disc Diffuser is simple and sturdy. An upward facing convex dish is covered by an elastic membrane which encompasses the rim of the dish and perforated precision “I” slits. The dish is made of ABS plastic and elastic membrane is made of EPDM manufactured by our Germany supplier. This material can resist aggressive chemical attack, tough weathering and aging. Thus, this “U” type diffuser is a good choice for all common wastewater components.



(Coarse Bubble)	RSD-144
Frame	ABS
Fixture Ring	PU
Upper Cap	PU
Membrane	PU
Airflow	200 ~ 400 liters / min.
Inlet Joint	Inner Threaded : 3/4" Outer Threaded : 1"
Oxygen Transfer Rate	12% at 4 m dept. at airflow 0.25 SCMM, 20°C
Head Loss	135mm H ₂ O, 20°C, at airflow 0.25 SCMM

** Excellent oxygen transfer rate. Achieves energy savings.
 ** Membrane coupled onto the diffuser body by unique ring, free from leakage and detaching.
 ** Easy for installation.
 ** Outstanding material for rubber membrane and diffuser body, with long life span.
 ** Special perforations design on membrane surface and diffuser bodies, provides uniform bubbles and good resistance to backflow.

RSD-144
(770103006)



Disc Diffuser Type	U220	U330
Membrane Material	EPMD	EPMD
Disc Material	ABS	ABS
Disc Diameter	220 mm(8")	334 mm(12")
Operating Airflow Range (liters/min)	15 - 70	15 - 140
Size of Air Bubble (mm)	1 - 3 mm	1 - 3 mm
Surface Area (m ²)	0.025	0.06
Diffuser Density (%)	2 -25	2 -25
Weight (kg)	0.40	1.10
Max. Air Temp. (°C)	+80 ~ +85	+80 ~ +85
Suitable Pipe Fitting	Tee type 3" (90 mm / O.D.)	

U220
(770103002)



U330
(770103004)



***Product's specification may subject to change without further notice.
 ***Actual product may slightly differ from pictures shown.