



AR-002 Jet Diffuser

# Jet Diffuser

**Features :**

- » Non-backflow : special check valve design prevent backflow and reduce head loss.
- » Low Head Loss : check valve is adjustable to the airflow rate to reduce head loss.
- » Corrosion Resistant Structure/Material : The diffuser is light weighted and corrosion resistant to wastewater and chemicals.
- » Ideal alternative for the conventional coarse bubble diffusers.

**Purposes :**

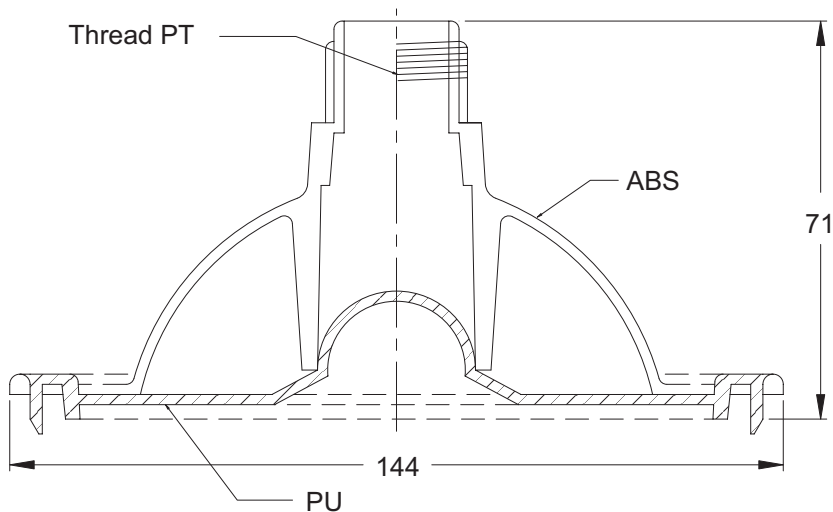
Submerged jet diffuser is used to introduce air or oxygen into the wastewater/sludge, and agitate the wastewater to keep solids in suspension and mixing.

**Applications :**

- Pre-Aeration
- Equalization Tank Mixing
- Aeration in Activated Sludge Processes
- Aerated Grit Chamber
- Aerobic Digestion
- Sludge Blending/Mixing
- Fishpond Aeration

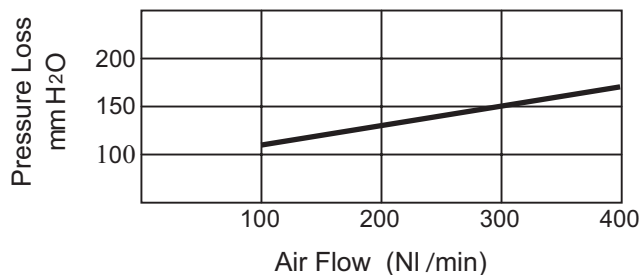
**Specifications**

Materials	Frame	ABS
	Membrane	PU
Air Flow Rate		100 NI /min ~ 450 NI /min
Weight		130 g
Installation		Up or Down
Coupling		PT 1" B
		PT 1¼"



## Performance Charts

**Air Flow vs. Pressure Loss**



**Depth vs. Oxygen Transfer Efficiency**

