



WATERWORKS

WATER & WASTEWATER TREATMENT & UTILITY SYSTEMS SPECIALISTS

Waterworks' AIRMAX Diffusers

High Efficiency Fine Pore Diffusers Diffused Aeration System

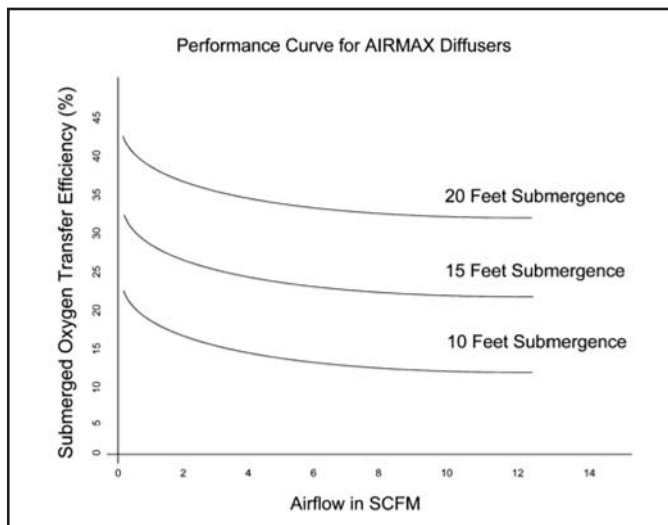


- ◆ Guaranteed for performance and reliability
- ◆ High efficiency in aeration and mixing applications in water and wastewater treatment
- ◆ High quality tested ethylene propylene (EPDM) membranes
- ◆ Excellent chemical, heat, UV and weather resistance
- ◆ Wide range of applications including municipal, industrial wastewater plants, aquaculture, lake destratification, water supply aeration, and processes involving dissolution of industrial gases into process water

Clean & Safe Water Anywhere... Now

Offices in: Canada ◆ USA ◆ Latin America ◆ India ◆ Egypt ◆ Malaysia ◆ United Arab Emirates ◆ Cyprus ◆ Saudi Arabia

- ◆ Available in PVC body with the membrane secured to the body with two SS-304 clamps
- ◆ Unique check valve system to prevent wastewater from entering the diffuser and piping manifold
- ◆ Standard 3/4" SS-304 nipple for connection to the piping manifold
- ◆ Drop type configuration available for easy access
- ◆ Standard configuration comprises two, four and six "AIRMAX" diffusers



- ◆ Flow Range: 0.5 to 8.0 cfm+ (0.8 m3/hr to over 13.5 m3/hr)
- ◆ High oxygen transfer efficiencies: up to 40% at 5 m submergence
- ◆ Thick EPDM membranes: 0.178"
- ◆ Standard diffuser dimensions: 2.5" diameter x 24" long
- ◆ Stainless steel end connection and fasteners
- ◆ PVC diffuser body with end cleanout plug
- ◆ Unique check valve system
- ◆ Guaranteed for performance
- ◆ Drop-type arrangements available

Why Choose Diffused Aeration?

- ◆ High oxygen transfer efficiencies
- ◆ Uniform oxygen distribution throughout the area of tank
- ◆ Micro bubbles do not shear the biological solids
- ◆ Lower power consumption
- ◆ No moving parts and maintenance free
- ◆ Easy installation
- ◆ Cost effective

AIRMAX Diffusers		
Parameter	Standard	Value/Unit
Elongation at break	ASTM D412	600% + 10%
Tensile strength	ASTM D412	1450 psi
Tear growth resistance	ASTM D412	100 lb/in (against grain)
Tear growth resistance	ASTM D412	110 lb/in (with grain)
Harness	ASTM D412	40 ± 5

Waterworks Technologies Inc. - Water and Wastewater Treatment Specialists

Head Office: 2024 - 12 Ave NW Calgary, AB, Canada T2N 1J7 Tel: (403) 289-3198 Fax: (403) 289-3147

Web: www.waterworks.ca Email: waterworks@waterworks.ca

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WE OPERATE GLOBALLY BUT WE FOCUS ON ONE CLIENT AT A TIME!