

- Glass-fiber-reinforced polypropylene construction for maximum chemical, temperature, and UV resistance
- Premium quality membrane materials available: EPDM, silicone, urethane, PTFE MATRIX™
- High-capacity membrane option available for maximum airflow and low operating pressure
- Triple-check valve design minimizes entry of liquid/solids into piping. Ideal for on / off applications
- Integral Saddle Mount provides ease of installation and maintenance with maximum mechanical strength
- Mounts on any pipe material (PVC, ABS, CPVC, SS, etc.)
- 12" disc available to fit 3" and 90 mm pipe sizes; 9" disc available to fit 3", 4", 90 mm, and 110 mm pipe sizes

Dry

Weight

lb

1.9

1.9

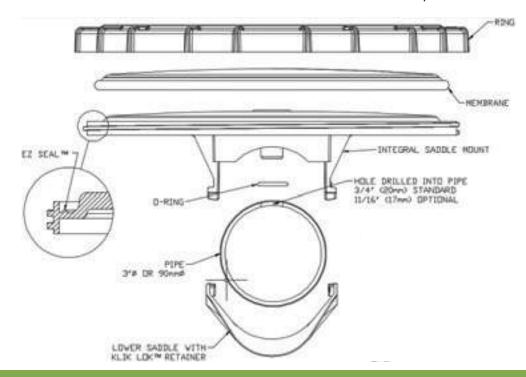
1.9

2.6

2.6

2.6

Pateneted EZ-Seal[™] for quick membrane installation



	METRIC				ENGLISH				
Design Airflow	Overall Diameter	Active Surface Area	Dry Weight	Diffuser Type/	Design Airflow	Overall Diameter	Active Surface Area		
m³ _N /h	mm	m²	kg	Perforation	scfm	in	ft²		
0–4	273	0.038	0.85	9" Nanopore	0–3	10.75	0.41		
0-9.5	273	0.038	0.85	9" Micropore	0–6	10.75	0.41		
0–16	273	0.038	0.85	9" High-Cap	0–10	10.75	0.41		
0–6	336	0.059	1.2	12" Nanopore	0–4	13.20	0.64		
0–16	336	0.059	1.2	12" Micropore	0–10	13.20	0.64		
0–29	336	0.059	1.2	12" High-Cap	0–18	13.20	0.64		
	Airflow m³ _N /h 0-4 0-9.5 0-16 0-6 0-16	Airflow Diameter m³n/h mm 0-4 273 0-9.5 273 0-16 273 0-6 336 0-16 336	Airflow Diameter m³м/h Surface Area m² 0-4 273 0.038 0-9.5 273 0.038 0-16 273 0.038 0-6 336 0.059 0-16 336 0.059	Airflow Diameter m³м/h Surface Area m² Weight kg 0-4 273 0.038 0.85 0-9.5 273 0.038 0.85 0-16 273 0.038 0.85 0-6 336 0.059 1.2 0-16 336 0.059 1.2	Airflow Diameter Surface Area Weight Type/ m³n/h mm m² kg Perforation 0-4 273 0.038 0.85 9" Nanopore 0-9.5 273 0.038 0.85 9" Micropore 0-16 273 0.038 0.85 9" High-Cap 0-6 336 0.059 1.2 12" Nanopore 0-16 336 0.059 1.2 12" Micropore	Airflow Diameter m³N/h Surface Area m² Weight kg Type/ Perforation Airflow Perforation 0-4 273 0.038 0.85 9" Nanopore 0-3 0-9.5 273 0.038 0.85 9" Micropore 0-6 0-16 273 0.038 0.85 9" High-Cap 0-10 0-6 336 0.059 1.2 12" Nanopore 0-4 0-16 336 0.059 1.2 12" Micropore 0-10	Airflow Diameter m³м/h Surface Area mm² Weight kg Type/ Perforation Airflow Scfm scfm in Diameter m² 0-4 273 0.038 0.85 9" Nanopore 0-3 10.75 10.75 0-9.5 273 0.038 0.85 9" Micropore 0-6 10.75 10.75 0-16 273 0.038 0.85 9" High-Cap 0-10 10.75 10.75 0-6 336 0.059 1.2 12" Nanopore 0-4 13.20 13.20 0-16 336 0.059 1.2 12" Micropore 0-10 13.20 13.20	Airflow Diameter m³м/h Surface Area m² Weight kg Type/ Perforation Airflow scfm Diameter in ft² Surface Area ft² 0-4 273 0.038 0.85 9" Nanopore 0-3 10.75 0.41 0-9.5 273 0.038 0.85 9" Micropore 0-6 10.75 0.41 0-16 273 0.038 0.85 9" High-Cap 0-10 10.75 0.41 0-6 336 0.059 1.2 12" Nanopore 0-4 13.20 0.64 0-16 336 0.059 1.2 12" Micropore 0-10 13.20 0.64	

Environmental Dynamics International

FlexAir™ ISM Disc: Integral Saddle Mount Diffuser



Processes:

Biological Aeration Activated Sludge Processes Oxidation Ditch Sequence Batch Reactors (SBR) Membrane Bio Reactors (MBR) Moving Bed Bio Reactors (MBBR) Sludge Stabilization/Digestion Package Plants



Applications:

Municipal Wastewater Industrial Wastewater Fixed Grid Systems Lift-Out Systems Floating Systems Tank Mixing High Oxygen Transfer Low Head Loss



Industries:

Food and Drink Dairy and Cheese Pulp and Paper Oil and Gas **Animal Processing** Leachate **Energy and Power** Pharmaceutical



EDI has demonstrated success in more than 7,000 installations in over 100 countries worldwide—serving over 400 million people.

Please contact your local office below for details of our proven products, systems, and processes.



EDI Europe

Design, Manufacturing & Warehouse Tel: +44-1295-810581

edi.Europe@EnvironmentalDynamics.com

Germany

Design Office Tel: +49-(0)9073 921212

edi.Germany@EnvironmentalDynamics.com

France

Design Office

Tel: +33-(0)-781-548-529

edi.France@EnvironmentalDynamics.com

North America: Global Headquarters

Design, Manufacturing and Warehouse

Tel: +1-573-474-9456

edi.NorthAmerica@EnvironmentalDynamics.com

Mexico

Design Office

Tel: 1-877-334-2478

edi.Mexico@EnvironmentalDynamics.com

Singapore (SEA)

Design and Warehouse

Tel: +65-6521-4536

edi. Asia@Environmental Dynamics.com

China

Design Office

Tel: +86-10-5957-4336

edi.China@EnvironmentalDynamics.com

Japan

Design Office

Tel: +81-3-5789-9140

edi.Japan@EnvironmentalDynamics.com

India

Design and Manufacturing Office

Tel: +91-22-2422-4228

edi.India@EnvironmentalDynamics.com

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