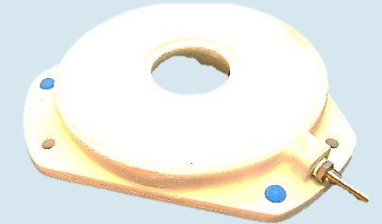
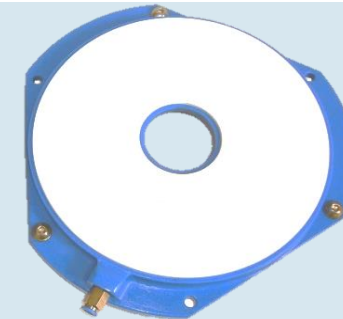
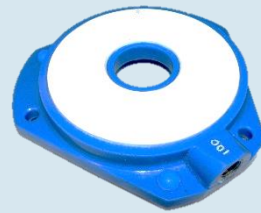


# ENVIRO CERAMIC MICRO BUBBLE DIFFUSER SPECIFICATIONS

- ✓ Superior Technology
- ✓ Durable Quality
- ✓ Affordable Prices
- ✓ Worldwide Distribution by our team of experts



Application:	For Fish Farming as oxygen supplement, emergency backup, hatcheries and transportation.			Ozone water treatment & sterilisation.
Model Number:	ECD 100	ECD 200	ECD 400	ECO <sub>3</sub> D 200
Ceramic Diffusing Area:	100 cm <sup>2</sup> / 16 in <sup>2</sup>	200 cm <sup>2</sup> / 31 in <sup>2</sup>	400 cm <sup>2</sup> / 62 in <sup>2</sup>	200 cm <sup>2</sup> / 31 in <sup>2</sup>
Recommended Operating Range:	0.75 to 1.5 L/min @ 1 to 2 bar 1.6 to 3.2 ft <sup>3</sup> /hr @ 14.5 to 29 psi	1.5 to 3 L/min @ 1 to 2 bar 3.2 to 6.4 ft <sup>3</sup> /hr @ 14.5 to 29 psi	3 to 6 L/min @ 1 to 2 bar 6.4 to 12.8 ft <sup>3</sup> /hr @ 14.5 to 29 psi	1.5 to 3 L/min @ 0.3-0.7 bar 3.2 to 6.4 ft <sup>3</sup> /hr @ 4 to 10 psi
Maximum Operating Pressure:	It is not necessary to exceed 2.5 bar/36psi			1.5 bar / 22 psi
Size/Dimensions:	Ø174 x 35 mm high	Ø225 x 35 mm high	Ø292 x 40 mm high	Ø225 x 40 mm high
Nett Weight:	0.7 kg / 1.5 lbs	1.35 kg / 3.0 lbs	2.6 kg / 5.7 lbs	1.7 kg / 3.7 lbs
Ceramic Pore Size/ Bubble Size:	Pores avg. 0.5 micron (500 nano metres) / bubbles avg. 120 µm (<50 to 200 µm) at 1-2 bar			Pores avg.0.5 µm/<50 to 250 µm at 0.3-0.7 bar
Gas inlet connection Fittings:	Use a 1/4" NPT thread male fitting for your gas hose connector. Our diffuser fitting is a 1/4" female NPT thread from 316 SS.			Supplied with a 316 SS Hose Barb 1/8" NPT male for a Ø6-7 mm hose
Materials of manufacture:	Inert anti-biofouling nano porous ceramic membrane with a tough polyurethane resin housing, silicone and 316 stainless-steel fittings.			100% inert ceramic with silicone and 316 stainless steel. Ozone Resistant.

- ✓ Anti-Biofouling inert ceramic: protecting the working surface and inside from algae growth, reduces maintenance and risk of blocked pores.
- ✓ Unique design with patented central hole causes water stream to mix with the air lift for additional aeration efficiency.
- ✓ Nano sized pores result in the finest bubbles possible and reliable gas transfer.

PLEASE CONTACT US AT [INFO@ENVIROCERAMIC.COM](mailto:INFO@ENVIROCERAMIC.COM) FOR A COMPETITIVE QUOTE.

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CERAMIC.COM

