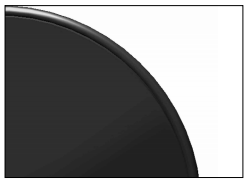
TECHNICAL DATA SHEET

SSI™ FINE BUBBLE DIFFUSERS

ECD270 9" DISC

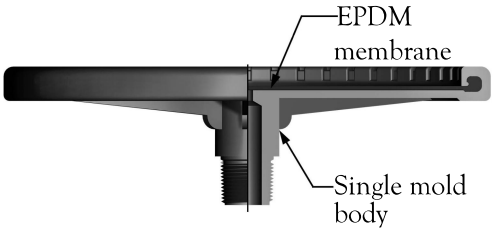
- Highest possible quality and technology means years of trouble-free efficient operation.
- Highest possible SOTE independently tested per ASCE, and lowest possible headloss.
- Industry Standard Size and Shape.
- Experienced Engineering and Drafting staff with years of practice to assist you.
- Simple and quick installation with 3/4" female NPT connection.
- 212º F (100º C) temperature resistance and environmentally-friendly polypropylene body.
- Compression-molded membranes with individual thermocouples in each cavity = 100% quality control.
- Each membrane checked for even perforation depth to ensure uniform air release.
- Low membrane plasticizer content to reduce shrinkage and hardening, but enough to avoid creep.
- Multiple integral check valves keep your aeration piping system clean.
- SSI reinforced ultra fine bubble membranes for outstanding chemical or fouling resistance, or for the highest oxygen transfer efficiency at a headloss you can live with.
- In stock on 3 continents in 4 locations.

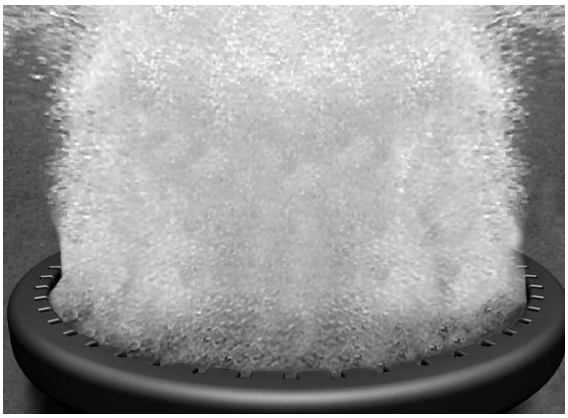
MEMBRANES



EPDM

- Excellent conventional material
- No encapsulation





Please see reverse for additional technical data

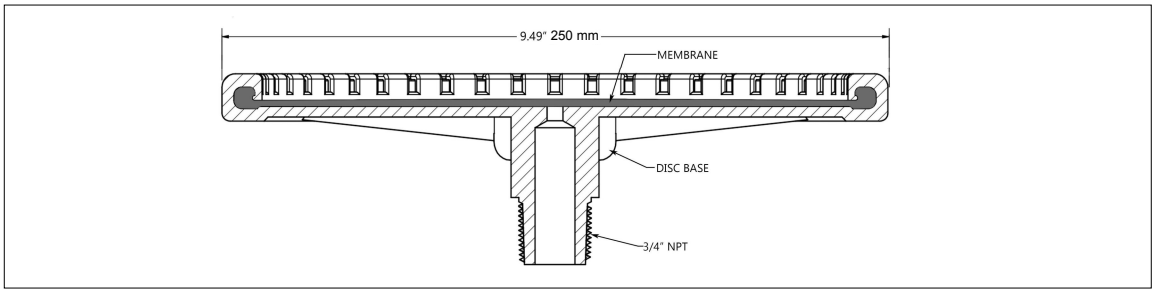
STAMFORD SCIENTIFIC INTERNATIONAL
INCORPORATED

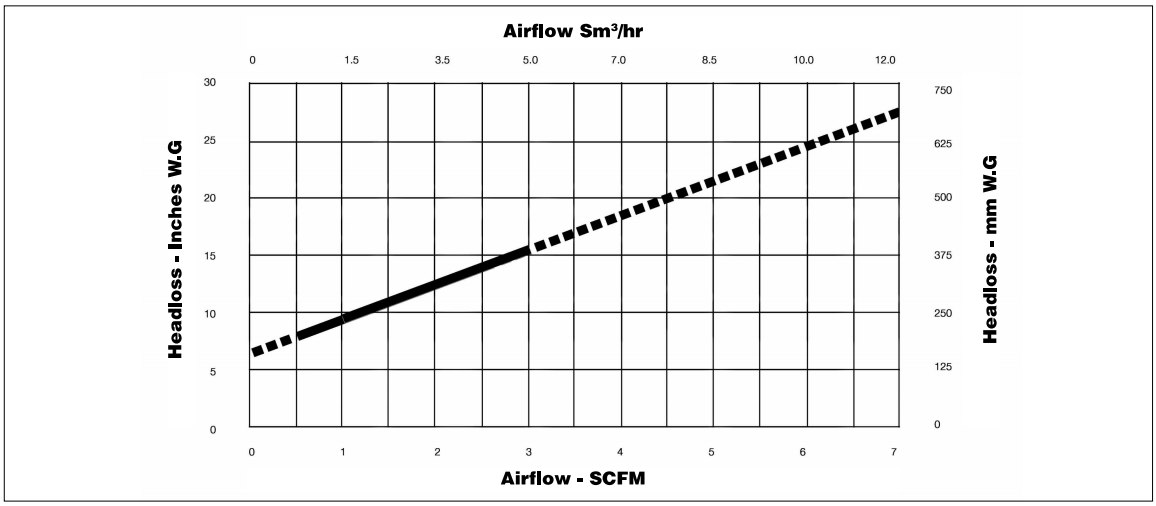
+1-845-454-8171 TEL
+1-845-454-8094 FAX

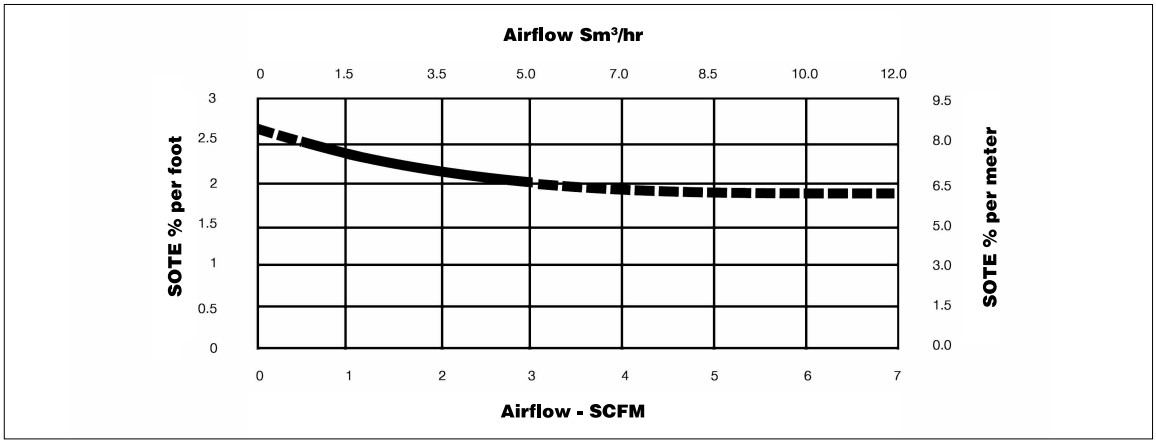
4 TUCKER DRIVE
POUGHKEEPSIE, NEW YORK 12603 USA
www.StamfordScientific.com
EMAIL: INFO@STAMFORDSCIENTIFIC.COM

SSI™ FINE BUBBLE DIFFUSERS *continued*

ECD270 9" DISC







DESIGN FLOW	FLOW RANGE	ACTIVE SURFACE AREA	SLIT QUANTITY	WEIGHT
1.5 - 3.0 SCFM (2.5 - 5.0 Sm^3/hr)	0 - 7 SCFM (0 - 12 Sm^3/hr)	0.4100 ft^2 (0.0375 m^2)	6,600	1.03 lbs (470.0 g)

STAMFORD SCIENTIFIC INTERNATIONAL
INCORPORATED

+1-845-454-8171 TEL
+1-845-454-8094 FAX

4 TUCKER DRIVE
POUGHKEEPSIE, NEW YORK 12603 USA
www.StamfordScientific.com
EMAIL: INFO@STAMFORDSCIENTIFIC.COM