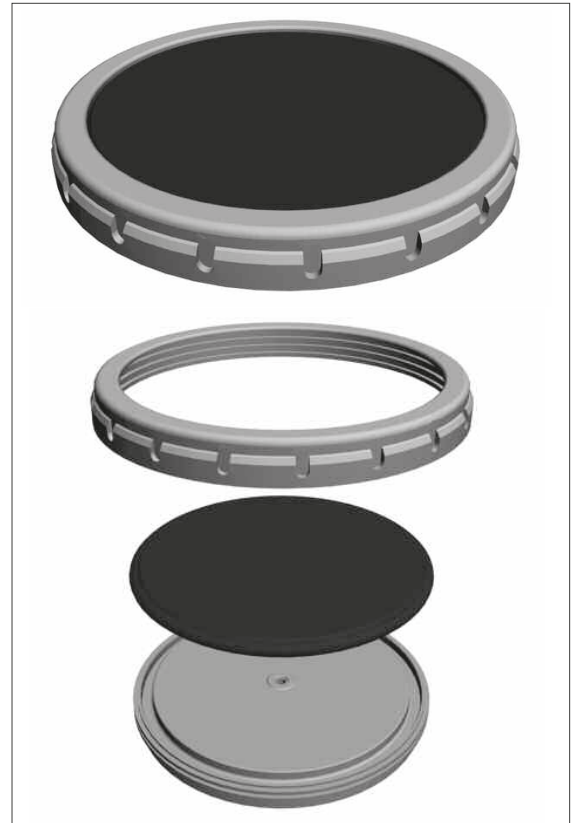


T E C H N I C A L D A T A S H E E T

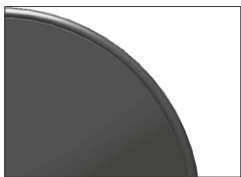
SSI™ FINE BUBBLE DIFFUSERS

AFD270 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. Membranes are interchangeable with (3) other manufacturers.
- Experienced Engineering and Drafting staff with years of practice to assist you.
- Simple and quick installation with QC Saddle or Grommet.
- 212° F (100° 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.
- 21st century-special materials, such as PTFE, fEPDM, as well as reinforced and coated 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.

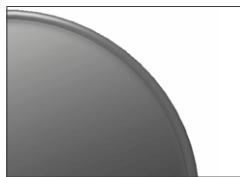


MEMBRANES



EPDM

- Excellent conventional material
- No encapsulation



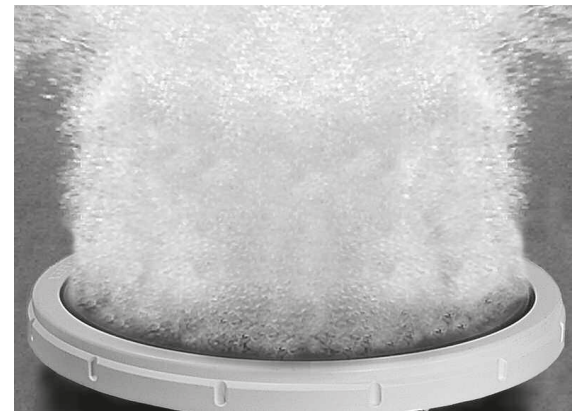
fEPDM

- Superior chemical resistance
- Complete surface and slit encapsulation



PTFE

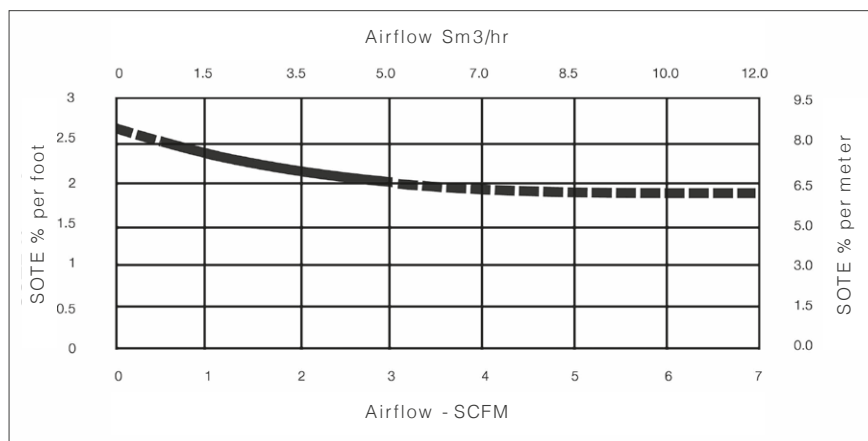
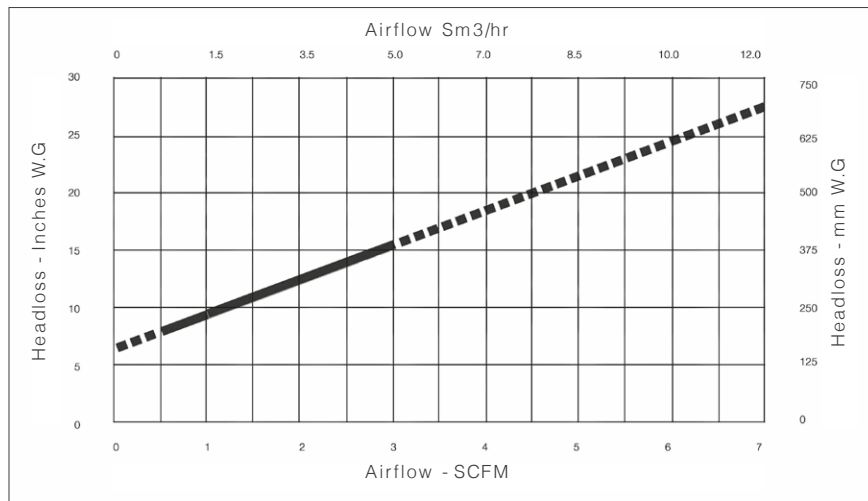
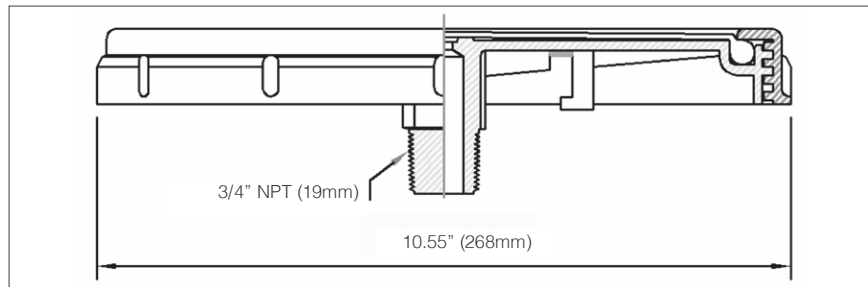
- Best fouling resistance
- Non-stick coating
- Surface encapsulation



Please see reverse for additional technical data

TECHNICAL DATA SHEET

SSI™ FINE BUBBLE DIFFUSERS continued

AFD270 9" DISC


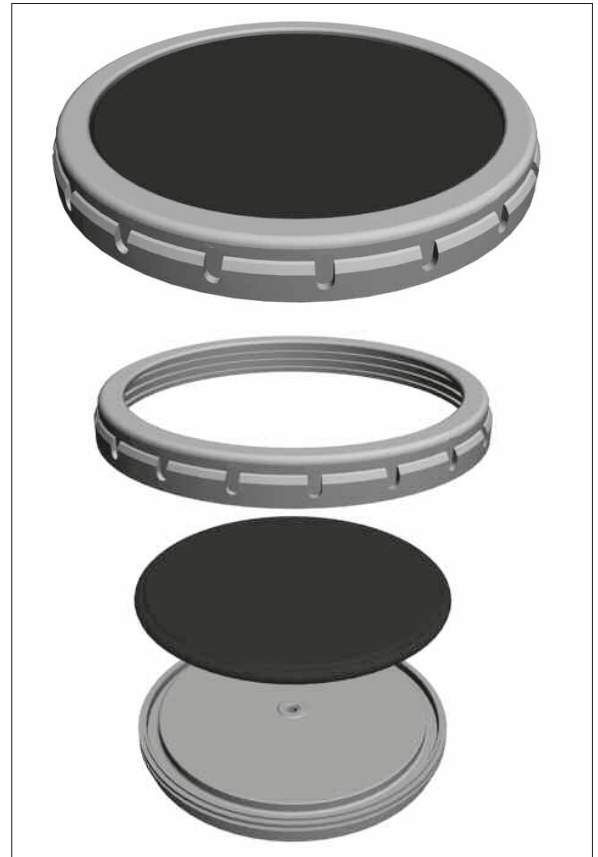
DESIGN FLOW	FLOW RANGE	ACTIVE SURFACE AREA	SLIT QUANTITY	WEIGHT
1.5 - 3.0 SCFM (2.5-5.0 Sm ³ /hr)	0-7 SCFM (0-12 Sm ³ /hr)	0.41 ft ² (0.0375 m ²)	6,600	1.5 lbs (680 g)

T E C H N I C A L D A T A S H E E T

SSI™ FINE BUBBLE DIFFUSERS

AFD350 12" DISC

- Highest possible quality and technology means years of trouble-free efficient operation.
- Highest possible SOTE independently tested per ASCE, and lowest possible headloss.
- More economical but as efficient as a 9" (270mm) disc diffuser. AFD350 has an even lower headloss than AFD270, often resulting in the highest SAE (kgO₂/kWh) when compared to other fine bubble diffusers.
- Experienced Engineering and Drafting staff with years of practice to assist you.
- Simple and quick installation with QC Saddle or Grommet.
- 212° F (100° 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.
- 21st century-special materials, such as PTFE, fEPDM, as well as reinforced and coated 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



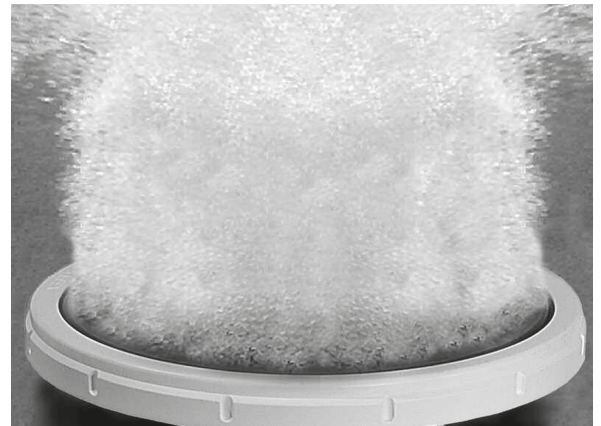
fEPDM

- Superior chemical resistance
- Complete surface and slit encapsulation



PTFE

- Best fouling resistance
- Non-stick coating
- Surface encapsulation

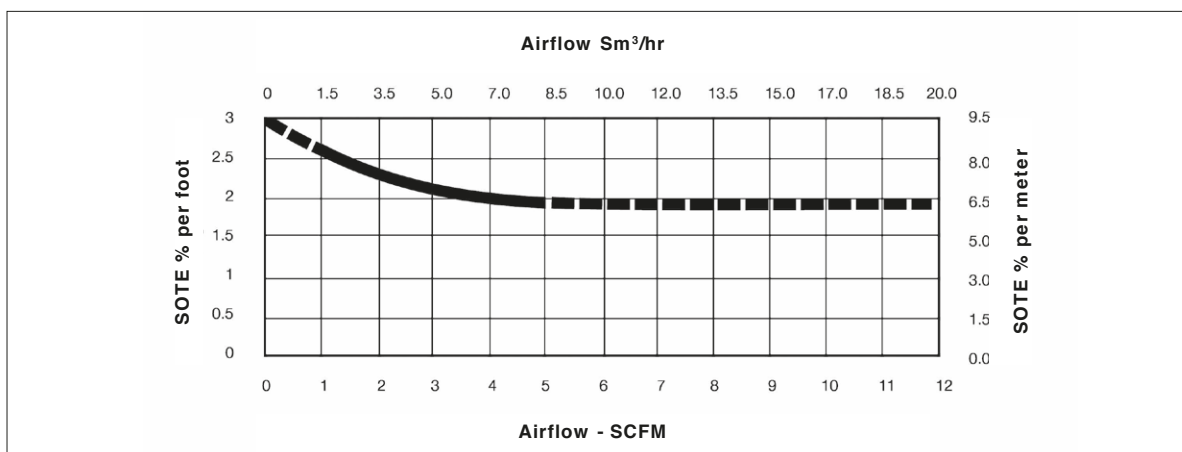
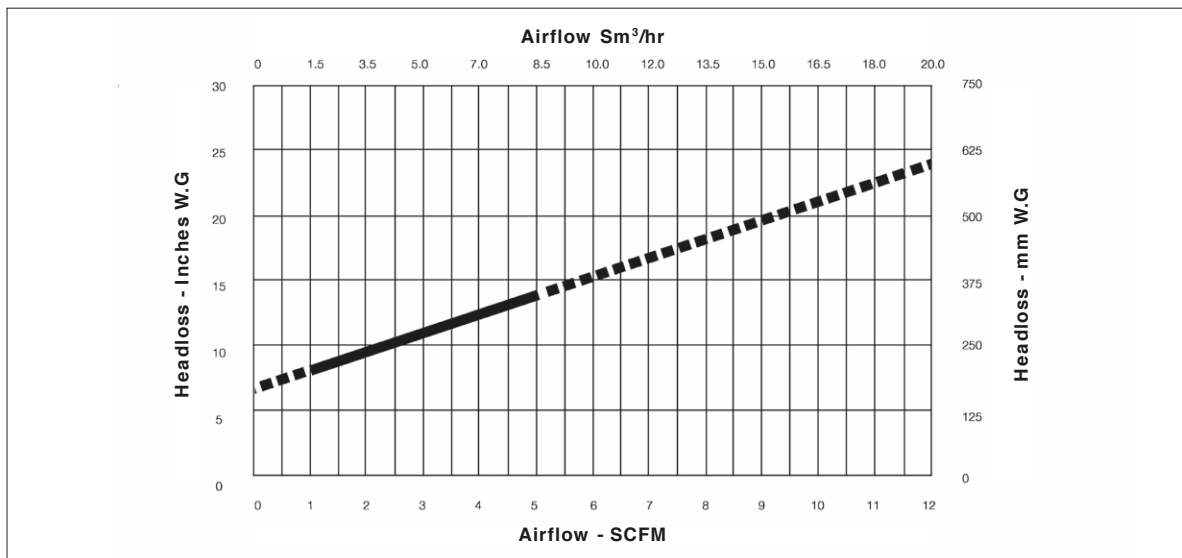
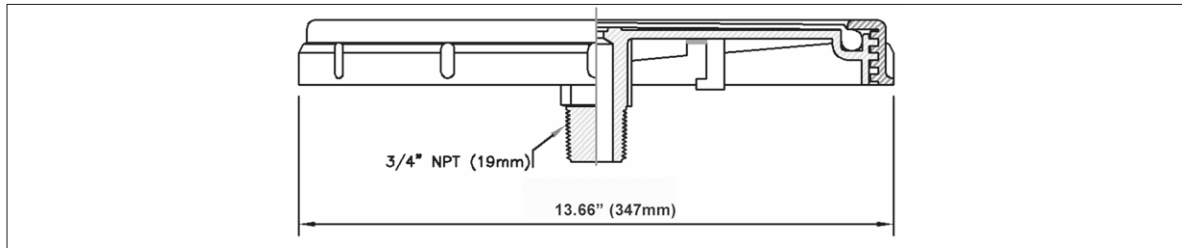


Please see reverse for additional technical data

TECHNICAL DATA SHEET

SSI™ FINE BUBBLE DIFFUSERS

continued

AFD350 12" DISC


DESIGN FLOW	FLOW RANGE	ACTIVE SURFACE AREA	SLIT QUANTITY	WEIGHT
2.5-5.0 SCFM (4.2-8.3 Sm ³ /hr)	0-12 SCFM (0-20 Sm ³ /hr)	0.70 ft ² (0.0650 m ²)	10,155	3.0 lbs (1.4 Kg)