

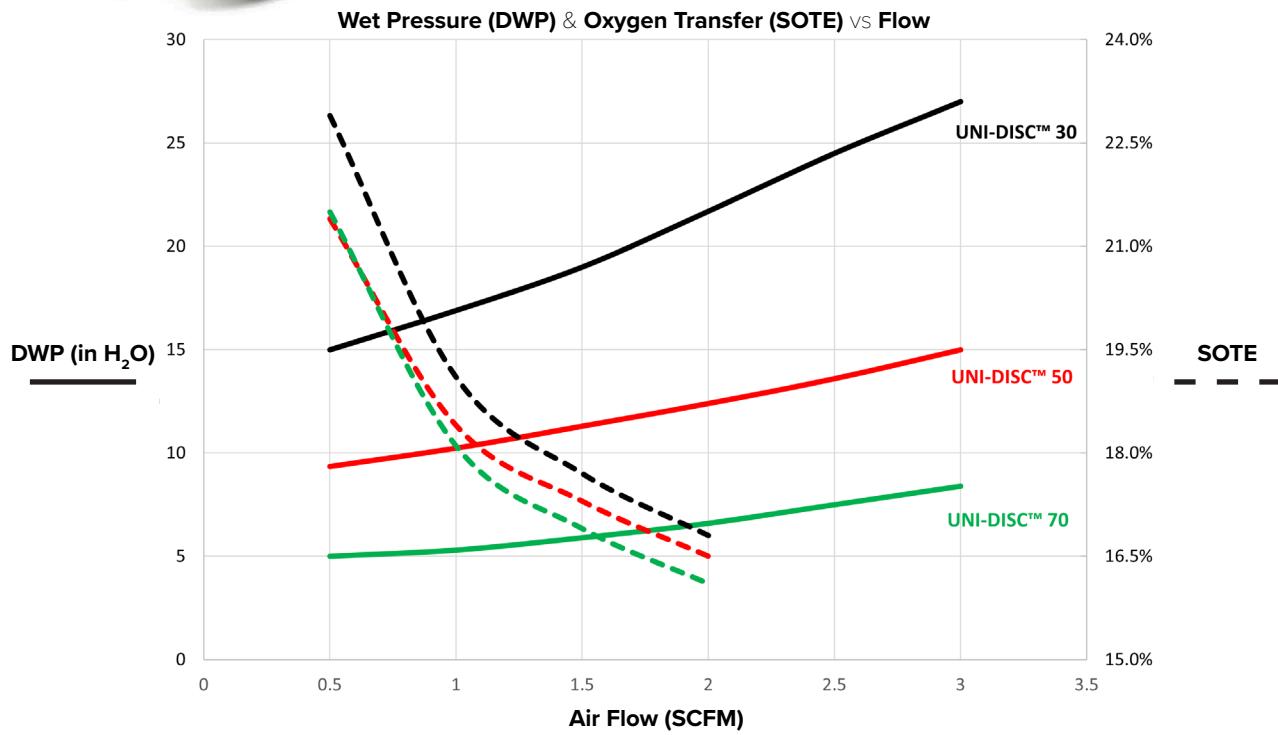
UNI-DISC™ fine bubbles diffusers**UNI-DISC™ dual porosity diffuser benefits:**

- ✓ Uniform fine bubble
- ✓ Low energy consumption
- ✓ Less frequent change-outs and ease of installation
- ✓ Lower cost of ownership
- ✓ Smart design, 50% lighter than competitor's diffusers

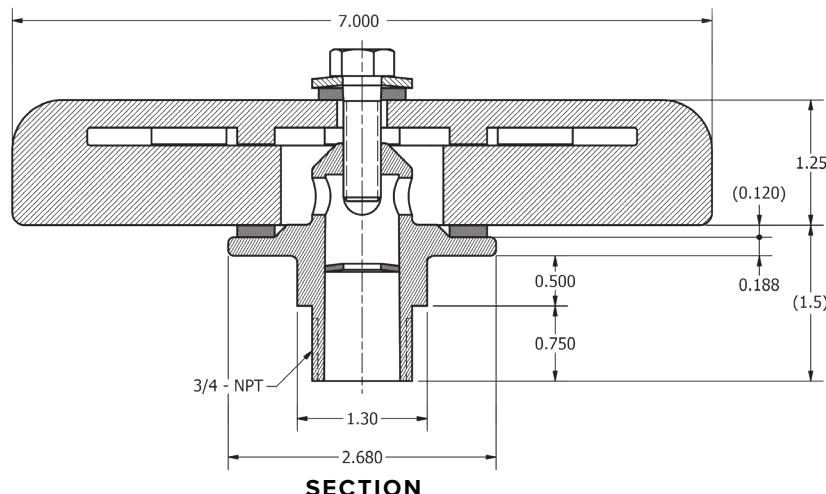
UNI-DISC™ advantages for ozone or oxygen:

- ✓ Improved gas transfer efficiency
- ✓ Decreased fouling potential
- ✓ Fine bubble diffusion to optimize ozone or oxygen mass transfer
- ✓ Improved disinfection process
- ✓ Durable design with stainless hardware & all ceramic diffuser



UNI-DISC™ fine bubbles diffusers**PROPERTIES**

UNI-DISC™	
COLOR	Light Gray
CHEMISTRY: ICP & EDS	
SiO ₂ [%]	8
Al ₂ O ₃ [%]	87
Other [%]	5
DENSITY [g/cm ³] ASTM C-373	2.1
POROSITY [%] BASED ON BULK DENSITY	43
MODULUS OF RUPTURE 3pt MOR [MPa] ASTM C-583	
RT	26
400 °C	26
800 °C	23
COEFFICIENT OF THERMAL EXP. x10 ⁻⁶ /°C [RT-500 °C] ASTM C-372	8.8
MAXIMUM USE LIMIT [°C]	800
THERMAL SHOCK RESISTANCE	Good



NOTES: Typical values are not intended to be used as a specification. Contact with Refractron for application suitability. UNI-DISC™ are offered with 30, 50 and 70 micron pore size.