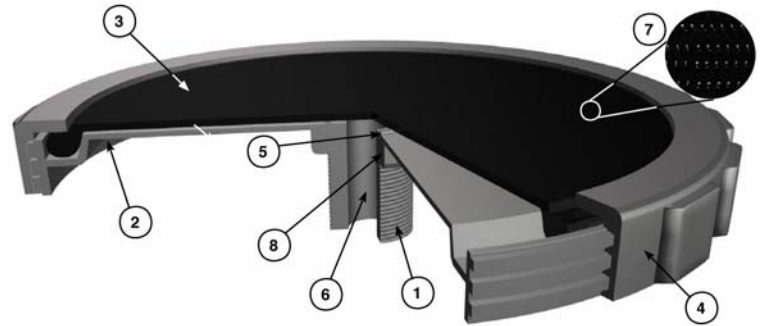


Fine Bubble Membrane Disc Diffuser

DFA 7 and 9 inch fine pore flexible membrane diffusers are constructed with premium quality EPDM membranes engineered for superior product life, operational flexibility and maximum oxygen transfer efficiency. The units are ideally suited for continuous or on/off applications and require minimal maintenance for long-term performance.

Feature & Benefits

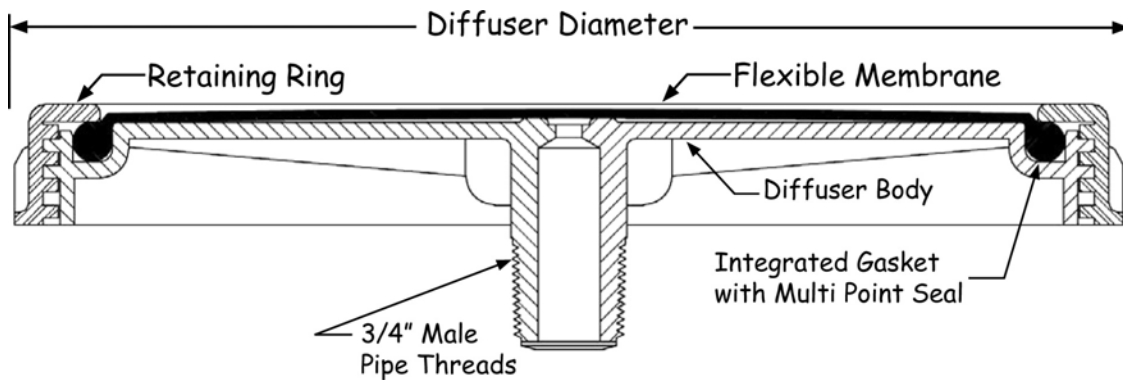
- Micro bubble openings for maximum efficiency
- Maximum oxygen transfer efficiency
- Advanced technology premium quality membranes of EPDM, urethane, or other specialty polymers
- Available in 7 inch or 9 inch diameter
- Economical capital cost
- Rugged heavy duty construction
- Integral check valve to prevent entry of liquid/solids into piping
- Low maintenance
- Glass filled polypropylene base and ring for maximum corrosion resistant
- UV protection
- Wide thermal capability range
- Ease of installation
- Low operating pressure (DWP)
- Multiple mounting arrangements for maximum system flexibility



- ① Threaded connector 3/4 inch NPT (male) inlet
- ② Glass filled polypropylene diffuser body
- ③ Premium quality membrane EPDM
- ④ Glass filled polypropylene retainer ring
- ⑤ Check valve feature
- ⑥ Air inlet orifice assembly
- ⑦ Concentric membrane perforations
- ⑧ Hex headed shank



Shown with optional Universal Diffuser Mount™ (UDM)



Model	Description	Peak Airflow		Design Airflow		Design DWP		Diffuser Diameter		Active Surface Area		Dry Weight	
		scfm	sm ³ /hr	scfm	sm ³ /hr	in H ₂ O	kPa	in	mm	ft ²	cm ²	lbs	kg
DFA7	7" Disc Diffuser	4.0	6.8	0.5 - 2.5	0.8 - 4.3	8.7 - 11.2	2.2 - 2.8	9.0	229	0.2	221.3	1.2	0.5
DFA9	9" Disc Diffuser	7.0	11.9	0.5 - 5.0	0.8 - 8.5	8.0 - 12.0	2.0 - 3.0	10.9	277	0.4	380.9	1.5	0.7
UDM	Universal Diffuser Mount™ for membrane disc diffuser, 3/4" FPT												

Flexible Membrane Performance Curves

9 inch Disc Diffuser (Standard Membrane) General Oxygen Transfer Efficiency (OTE) Curves

