

## Fine bubble disc diffuser

- Ecoflex-235CV
- Ecoflex-250CV
- Ecoflex-316CV
- Ecoflex-350CV

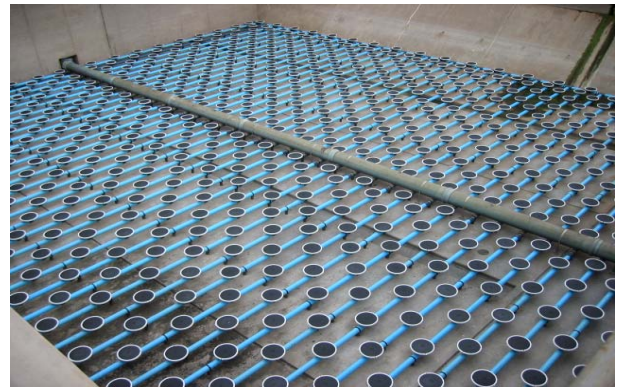


Integrated non-return valve with airflow control orifice

Patented U-type retaining ring  
-without special tools for fastening or replacement the membrane.



**Construction** The materials of construction for both support dish and membrane diaphragm are non-corrosive and UV resistant. The support dish shall be upward facing convex plastic (Glass filled Reinforced Nylon-Dupont) for working without any acid dosing requirements and patented integrated non-return valve designed for back-flow prevention while airflow is interrupted or membrane diaphragm damaged. The membrane diaphragm which covers the dish is made of high grade EPDM resistant to the usual sewage ingredients. The membrane diaphragm shall be further fastened to the support dish with a patented U-type retaining ring (Glass filled reinforced PP) without special tools for fastening or replacement the membrane.



KP Clamp saddle for 2", 3", 4" sch. 40/80 & OD 90mm

### Technical Data

Diffuser type	Ecoflex-235CV	Ecoflex-250CV	Ecoflex-316CV	Ecoflex-350CV
Material - Membrane	Compression molded high grade EPDM; Silicone available			
-Support dish	Glass filled reinforced Nylon™, PP, ABS available			
-Retaining ring	Glass filled reinforced PP			
Diameter	9.5"(240mm)	10"(258mm)	12.5"(320mm)	14"(355mm)
Effective area	0.035m <sup>2</sup>	0.037m <sup>2</sup>	0.067m <sup>2</sup>	0.079m <sup>2</sup>
Connector-air inlet threaded	R. 3/4" NPT, male			
Airflow - Standard continuous operation	3.0~5.0m <sup>3</sup> /h	4.0~6.0m <sup>3</sup> /h	5.0~8.0m <sup>3</sup> /h	6.0~10.0m <sup>3</sup> /h
- Max. Overload/Maintenance	7.0m <sup>3</sup> /h	9.0m <sup>3</sup> /h	12.0m <sup>3</sup> /h	14.0m <sup>3</sup> /h