

JetFlex® HD 340





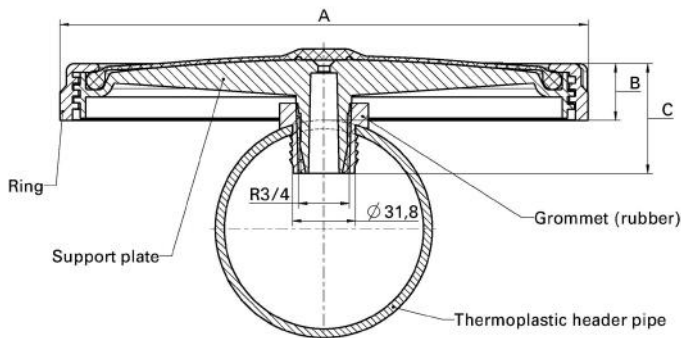
Dimensions

Material	Diameter total/ effective [A]	Overall height membrane top of tube [B]	Orifice	Thread
F053	346/295 mm	46 mm	10 mm	R 3/4"
F057	346/295 mm	46 mm	10 mm	R 3/4"
Silicone	346/295 mm	46 mm	10 mm	R 3/4"

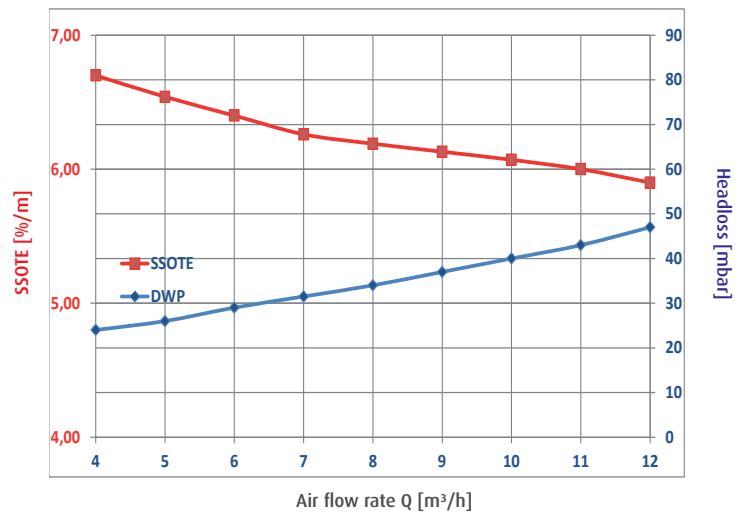
- Shutdown of operation is highly recommended for air flow rates lower than minimum.
- Do not apply overload air flow rate (e.g. cleaning) for more than 10 minutes each day.
- Numbers are for guidance only. Operating diffusers at too high or too low airflow rate may reduce lifetime or performance. See Technical Report 'Membrane Fouling Issues' for details.



Installation drawing



SSOTE and headloss for HD 340 F053



Height [C]	Perforated area	Air flow rate at standard operating conditions	Max. overload / maintenance air flow rate
76 mm	0,060 m²	5 - 12 m _N ³ /h	15 m _N ³ /h

Material	Operating temperature air	Operating temperature water	Operating mode	Application
F053	5 - 60 °C	5 - 30 °C	continuous / intermittent	municipal waste water
F057	5 - 60 °C	5 - 30 °C	continuous / intermittent	municipal waste water
Silicone	5 - 80 °C	5 - 30 °C	continuous / intermittent	municipal waste water



Connectors to header pipe

	Colour code	Permitted wall thickness of header tube	Diameter of straight-drilled hole	Material
Universal saddle	black	4 - 8 mm	32 mm	EPDM 75 ± 5 Shore A
PVC saddle 90 mm	grey/white	2 mm	35 mm	PVC
PVC saddle 110 mm	grey/white	2 mm	35 mm	PVC

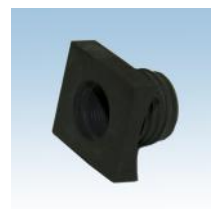
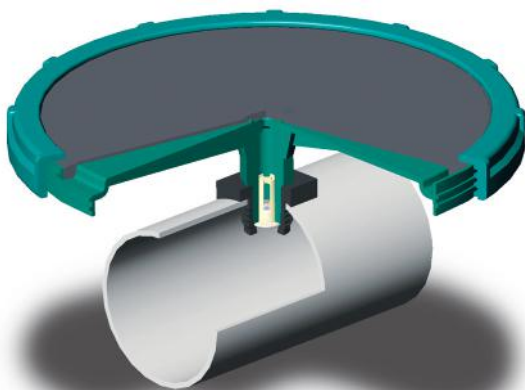
Membrane materials

Material		EPDM F053	EPDM F057	Silicone
Colour		black	black	green
Polymer		33 %	59 %	50 %
Carbon black		31 %	28 %	0 %
Plasticiser		33 %	7 %	0 %
Others		3 %	6 %	50 %
Density	DIN EN ISO 1183-1	1,08 ± 0,03 g/m ³	1,07 ± 0,03 g/m ³	1,16 ± 0,03 g/m ³
Tensile strength	DIN 53504	> 10 MPa	> 8 MPa	> 9 MPa
Elongation at break	DIN 53504	> 400%	> 450%	> 600%
Tear strength	DIN EN ISO 34-1	> 7 N/mm	> 6 N/mm	> 35 N/mm
Hardness	DIN ISO 7619-1	53 ± 5 Shore A	60 ± 5 Shore A	60 ± 5 Shore A
Tension set	DIN ISO 2285, 100% Elongation; 24 h, RT	< 7%	< 7%	< 7%
Ozone resistance	DIN ISO 1431-1 (500ppb)	no cracks	no cracks	no cracks

Other materials

Disc	Colour	Additional colours	Logo
PP 30% GF	black	Minimum quantity 5,000+	upon request 5,000+

Accessories



Rubber saddles



PVC Saddles



Check valve



Clamp adapters (round headers)





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