

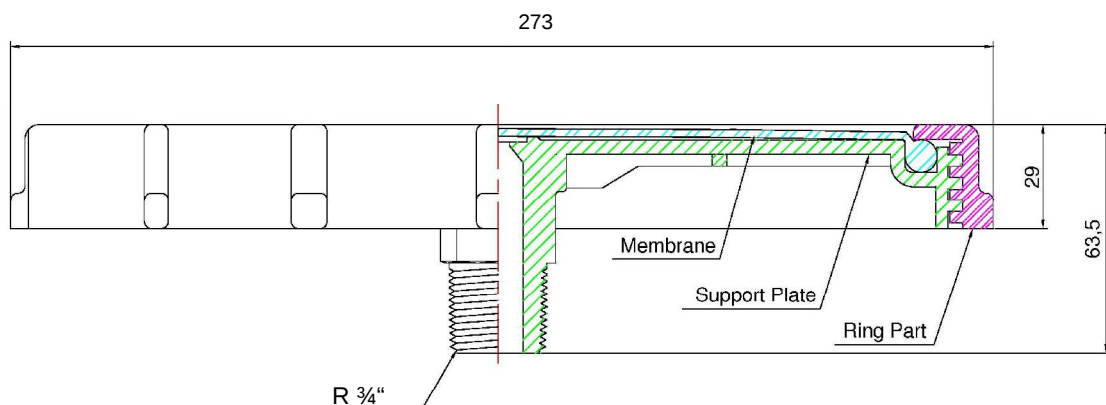


ENVICON Membrane Disc Diffuser Type EMS-9

Page 1 of 3
Revision No.: 2

ENVICON membrane diffusers are high-quality products. In the manufacture of ENVICON diffusers, special attention is devoted to the quality of the EPDM membrane because it is a decisive factor for both the life and the economics of aeration systems.

View:

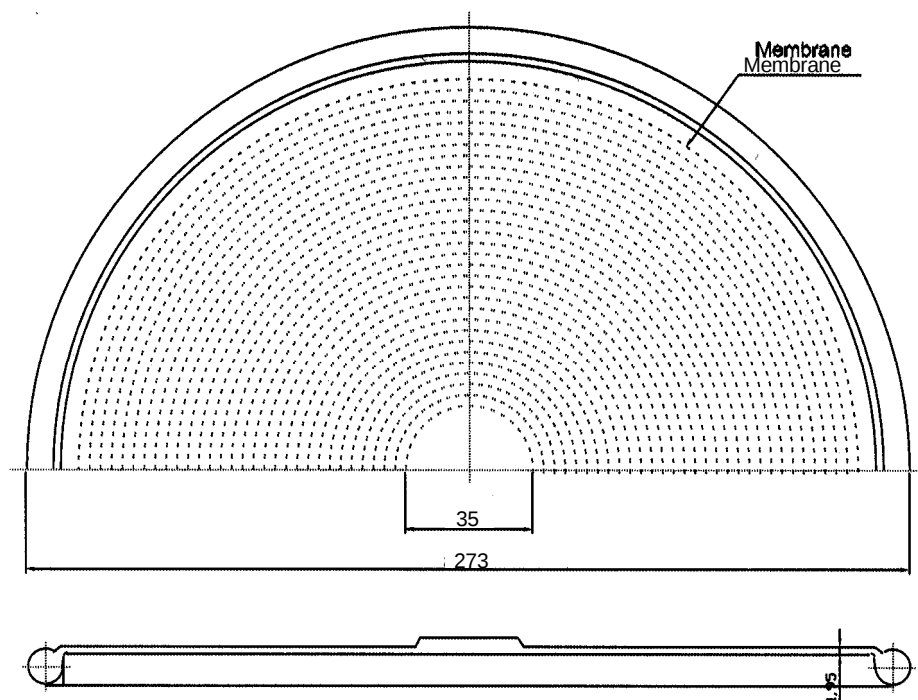


Created	Examined	Released	Document No.
n: 01.04.2013 by: Plitzko	on: 01.04.2013 by: Kariger	on: 01.04.2013 by: Plitzko	Data sheet EMS-9, Rev. 2



ENVICON Membrane Disc Diffuser **Type EMS-9**

Page 2 of 3
Revision No.: 2



Dimensions:

Type	Diameter total/effective [mm]	Height [mm]	Perforated area [m ²] approx.	Total Weight [kg]	Outlet
EMS-9	273/230	63.5	0.04	0.7	R 3/4" Male

Air flow:

Type	Air flow rate [Nm ³ /h]	Max. air flow rate ¹⁾ [Nm ³ /h]	Operation mode	Operation temperature [°C]
EMS-9	2 - 8	10	Continuous / intermittent	0 – 80°C

1) For continuously running, for a few minutes up to 10 Nm³/ (hr x dif.)

Created	Examined	Released	Document No.
n: 01.04.2013 by: Plitzko	on: 01.04.2013 by: Kariger	on: 01.04.2013 by: Plitzko	Data sheet EMS-9, Rev. 2



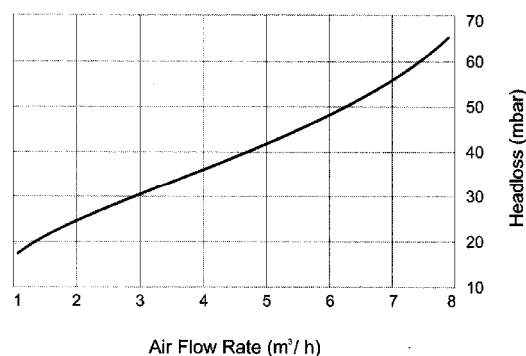
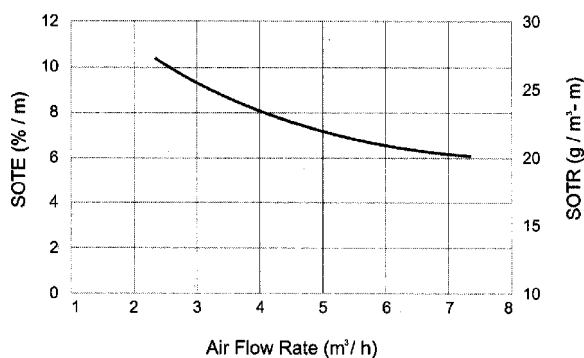
ENVICON Membrane Disc Diffuser **Type EMS-9**

Page 3 of 3
Revision No.: 2

Materials:

Support plate: Polypropylene
Ring: Polypropylene
Membrane: EPDM (Silicone on request)

Technical Data ²⁾:



²⁾ Measurement conditions: Air pressure 983 Pa, Air temperature (inlet) 23°C, Air humidity 52.3%, Water Temperature 13.2°C (Testing tank with 18.3 m³, Immersion depth 3.5m)

Accessories

Type: ENVGH

Universal mounting auxiliaries for 9 inch-diffuser EMS-9 to be fixed on to PVC-pipes

Available for PVC-pipes with
oD 90mm and oD 110mm



Type ENVS (Saddle)

Mounting auxiliaries for 9 inch-diffuser EMS-9 to be fixed on to diffuser pipes

Available for pipes with

oD 63mm ENVS oD63
oD 75mm ENVS oD75
oD 90mm ENVS oD90
oD110mm ENVS oD110



Created	Examined	Released	Document No.
n: 01.04.2013 by: Plitzko	on: 01.04.2013 by: Kariger	on: 01.04.2013 by: Plitzko	Data sheet EMS-9, Rev. 2