



JÄGER

Umwelt-Technik



DATA SHEET

JETFLEX[®] HD 270 DISC DIFFUSER

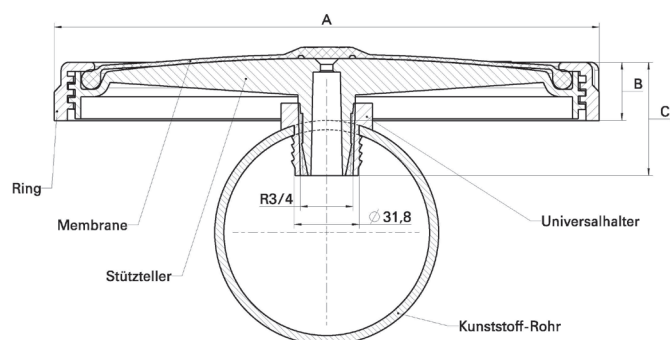
JETFLEX® HD 270 DISC DIFFUSER

Dimensions

Diameter total/ effective [A]	Overall height membrane top of tube [B]	Total height [C]	Orifice	Thread
268/218 mm	30 mm	60 mm	8 mm	R 3/4"

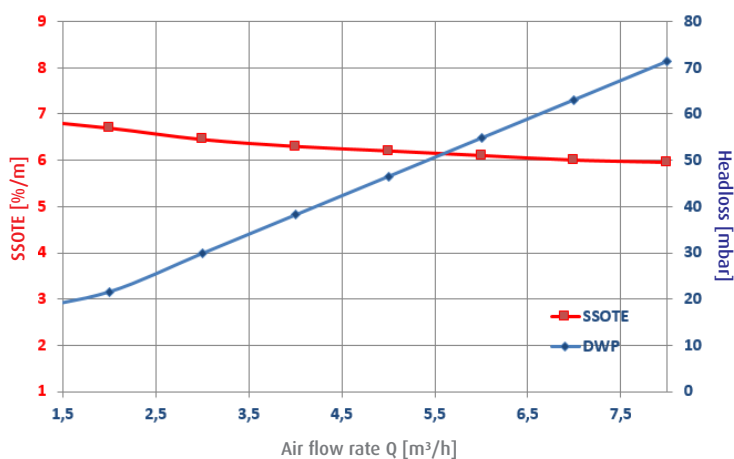


Installation drawing



A = 268 mm
B = 30 mm
C = 60 mm

SSOTE and headloss for HD 270 F053



Perforated area	Air flow rate at standard operating conditions	Max. overload / maintenance air flow rate	Operating mode
0,037 m²	1,5 - 8 Nm³/h	10 Nm³/h	continuous / intermittent

Connectors to plastic header pipe

	Colour	Permitted wall thickness of header tube	Diameter of straight- drill hole	Material
Rubber saddle	black	4 - 8 mm	32 +0/-0,5 mm	EPDM 75 ± 5 Shore A
PVC saddle 90 + 110 mm	grey/white	2 mm	36 ± 0,5 mm	PVC
Clamp adapter 90 + 110 + 114,3 mm	black	2 mm	diverse	PP 20 % GF / SI / VA

For further details, please refer to our installation and operating instructions.

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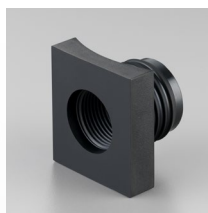
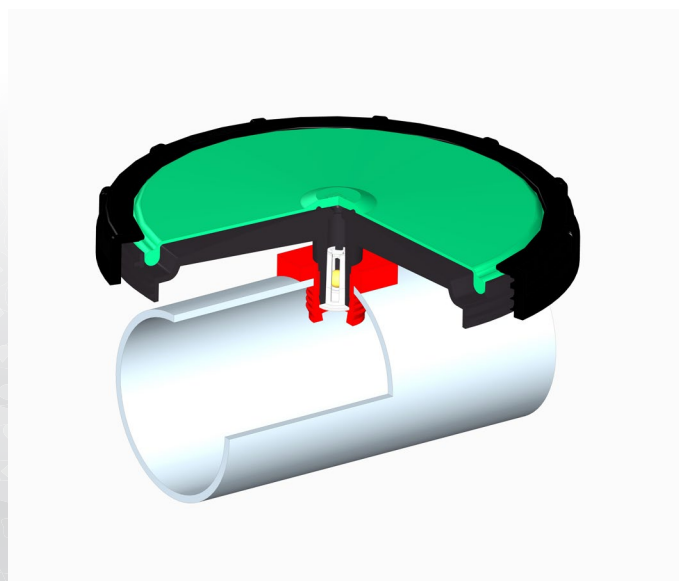
Membrane materials

Material	Techn. standard	EPDM F053A	EPDM F057A	Techn. standard	Silicone
Colour		black	black		green
Plasticiser (%)		28	9		0
Density (g/cm³)	DIN EN ISO 1183-1	1,07	1,06	DIN EN ISO 1183-1	1,17
Tensile strength (N/mm²)	DIN 53504	>10	>8	DIN 53504	>10
Elongation at break (%)	DIN 53504	>450	>300	DIN 53504	>610
Tear strength (N/mm)	DIN EN ISO 34-1 (Methode A)	>6	>3	ASTM D624B	>51
Hardness (Shore A)	DIN ISO 7619	52 ± 5	60 ± 5	DIN 53505	60 ± 5
Operating temperature air (°C)		5 - 80	5 - 80		5 - 100
Operating temperature water (°C)		5 - 40	5 - 40		5 - 40

Other materials

Material	Colour
PP 30% GF	black

Accessories



Rubber saddles



PVC saddles



Check valve



Clamp adapters
with internal thread



Clamp adapters
without thread

For further information, please refer to our Accessories catalogue.

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