

Diffused Aeration



AQUA AURA
Leading Technologies

JetFlex® HD 270 Disc Diffuser



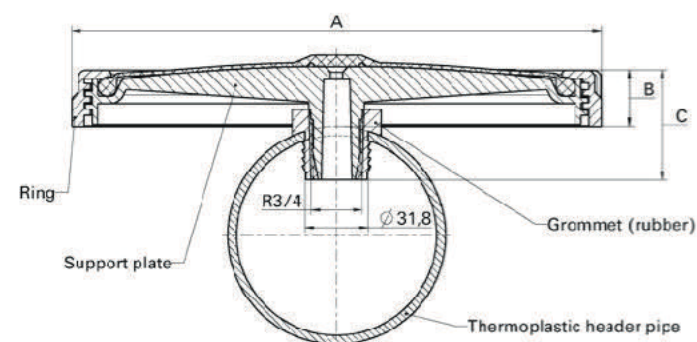
JetFlex® HD 270 Disc Diffuser

Dimensions

Diameter total [A] / effective	Installation height above pipe [B]	Overall height [C]	Orifice	Thread
268/218 mm	30 mm	60 mm	8 mm	R 3/4"

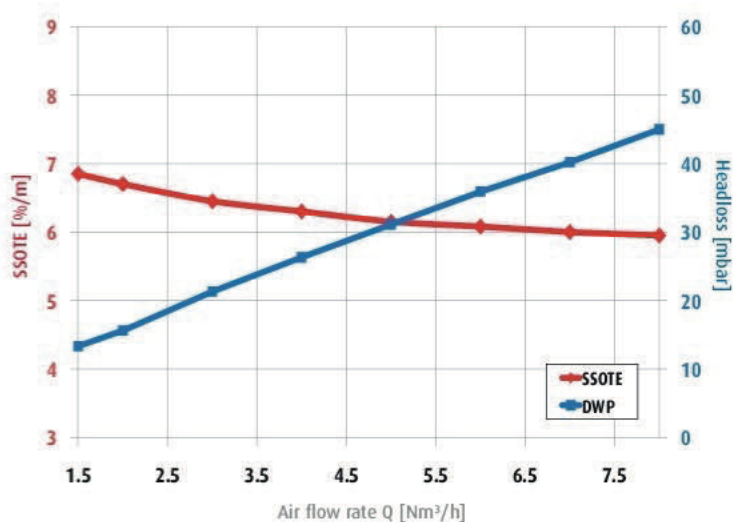


Installation drawing



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

SSOTE and headloss for HD 270 F053A



Perforated area	Air flow rate at standard operating conditions	Max. overload / maintance air flow rate	Operating mode
0.037 m ²	1.5 - 8 Nm ³ /h	10 Nm ³ /h	continuous/intermittent

Connectors to plastic header pipe

	Colour	Permitted wall thickness of header tube	Diameter of straightdrill hole	Material
Rubber saddle	black	4 - 8 mm	32 mm	EPDM 75 ± 5 Shore A
PVC saddle 90 + 110 mm	grey/white	2 mm	35 mm	PVC
Clamp adapter 90 + 110 mm	black	2 mm	multiple	PP 20 % GF / SI / VA

Please see our operation manuals for more details.

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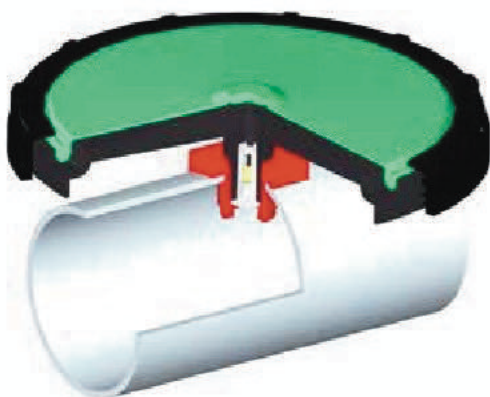
Membrane materials

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	>9
Elongation at break (%)	DIN 53504	>450	>300	DIN 53504	>510
Tear strength (N/mm)	DIN EN ISO 34-1 (method A)	>6	>3	DIN EN ISO 34-1 (method B)	>36
Hardness (Shore A)	DIN ISO 7619	52 ± 5	60 ± 5	DIN 53505	60 ± 5
Operating air temperature (°C)		5 - 80	5 - 80		5 - 100
Operating water temperature (°C)		5 - 40	5 - 40		5 - 40

Support plates

Material	Colour
PP 30% GF	black

Accessories



Rubber saddle



PVC saddle



Check valve



Clamp adapter with female thread



Clamp adapter without thread

Please see our accessories catalogue for more details.



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