

JetFlex® TD 90-2 G

Tube Diffuser

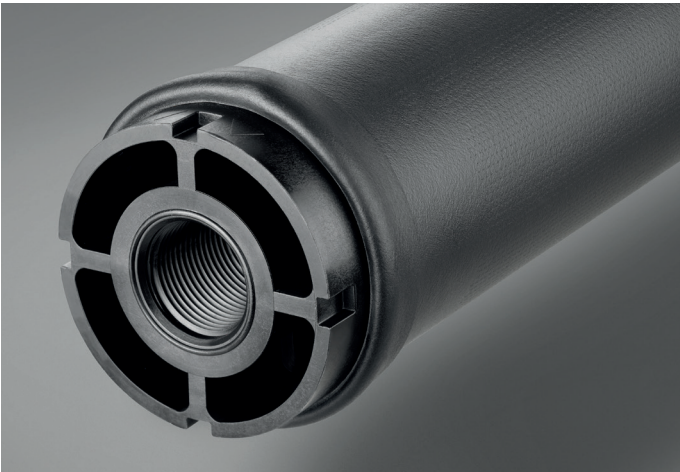


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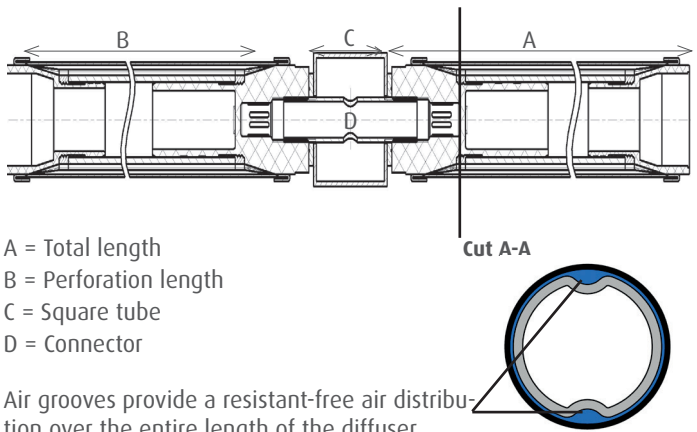


Dimensions

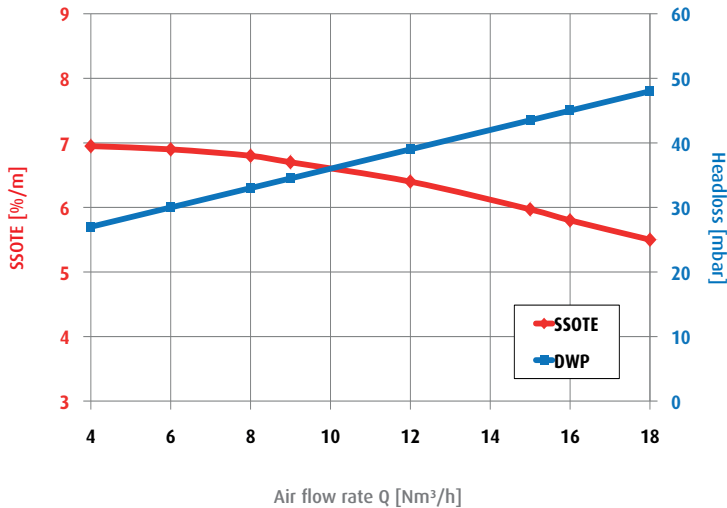
Material	Tube diameter	ID-Sleeve	Wall thickness
EPDM	87 mm	~ 90 mm	1.9 ± 0.20 mm
Silicone	87 mm	~ 90 mm	1.5 ± 0.20 mm
PUR	87 mm	~ 90 mm	0.75 ± 0.05 mm



Installation drawing



SSOTE and headloss for EPDM 1000 mm



Perforation length [B]	Total length [A]	Perforated area	Air flow rate at standard operating conditions	Max. overload / maintenance air flow rate	Operating mode
1000 mm	1145 mm	0.24 m²	4 - 18 Nm³/h	28 Nm³/h	continuous / intermittent
750 mm	895 mm	0.18 m²	3 - 14 Nm³/h	21 Nm³/h	continuous / intermittent
500 mm	645 mm	0.12 m²	2 - 9 Nm³/h	14 Nm³/h	continuous / intermittent

Dimensions for connection to square pipes

Connector [D]	Connector length square tube 80 x 80 mm [C]	Connector length square tube 100 x 100 mm [C]	Drill hole for connector
Pipe thread ISO 228 -G 1A	145 mm	165 mm	35 +1/-0 mm

Please see our operation manuals for more details.

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Membrane materials

Material	Techn. standard	EPDMperformance Plus	PUR	Techn. standard	Silicone
Colour		black	transparent		translucent
Plasticiser (%)		35	0		0
Density (g/cm³)	DIN EN ISO 1183-1	1.11	1.13	DIN EN ISO 1183-1	1.16
Tensile strength (N/mm²)	DIN 53504	>8,5	>45	DIN 53504	>9
Elongation at break (%)	DIN 53504	>550	>450	DIN 53504	>900
Tear strength (N/mm)	DIN EN ISO 34-1	>10	>35	ASTM D 624 B	>38
Hardness (Shore A)	DIN ISO 7619-1	43 ± 5	80 ± 5	DIN 53505	60 ± 5
Operating air temperature (°C)		5 - 80	5 - 60		5 - 100
Operating water temperature (°C)		5 - 40	5 - 40		5 - 40

Other materials

Support tube	SS clamp
PP / PP 20% GF	1.4301

Accessories



Please see our accessories catalogue for more details.



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