

180mm Aerfoam Insulated Duct 45° Bend



Centrotherm
solutions beyond

Article number: 188282

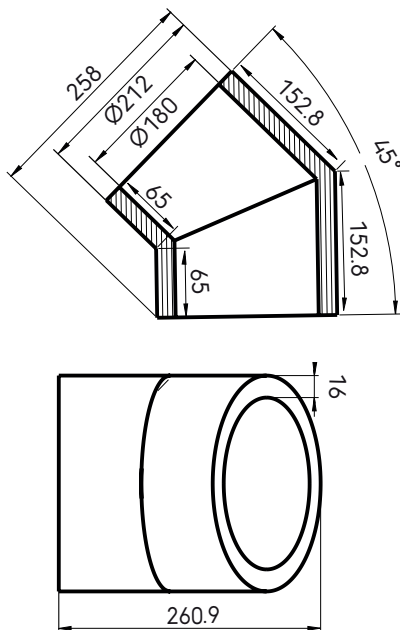


Product overview

The Aerfoam 180 mm 45° bend allows directional changes within the Aerfoam system. Made of expanded polyethylene (EPE) duct, it minimises the risk of condensation and energy loss. It is very light and extremely easy and safe to install. All Aerfoam parts connect to each other using strong, airtight mechanical connections. They can also be securely mounted to walls or ceilings using brackets. Aerfoam is ideal for both central mechanical ventilation and domestic hot water heat pump systems.

- Insulated to minimise the risk of condensation and energy loss.
- Easy mechanical connection and mounting.
- Lightweight and easy to cut, ensuring quick installation.
- Impact resistant.

Product dimensions



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Technical specifications

Technical	
Color	Gray
Insulated	☒
Diameter inner	180 mm
Diameter outer	212 mm
Insulation thickness	16 mm
Performance	
Insulation performance	0.041 W/m.K
Temperature resistance (min.)	-30 °C
Temperature resistance (max.)	60 °C
Installation temperature (min.)	-30 °C
Installation temperature (max.)	60 °C
Zeta supply 1 connection	0.4
Zeta extract 1 connection	0.4
Dimensions	
Length gross	258 mm
Width	212 mm
Height	261 mm
Net weight	0.06 kg

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Technical details

DN180 45° Elbow		
Zeta [-]	0,40	
Qv [m³/h]	Δp [Pa]	V [m/s]
50	0,07	0,55
100	0,29	1,09
150	0,64	1,64
200	1,14	2,18
250	1,79	2,73
300	2,57	3,27
350	3,5	3,82
400	4,58	4,37
450	5,79	4,91
500	7,15	5,46
550	8,65	6
600	10,3	6,55
650	12,08	7,1
700	14,01	7,64