

Aerfoam 125 Bend 90°

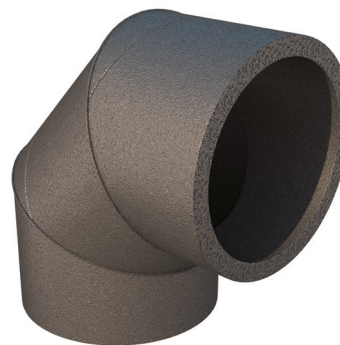
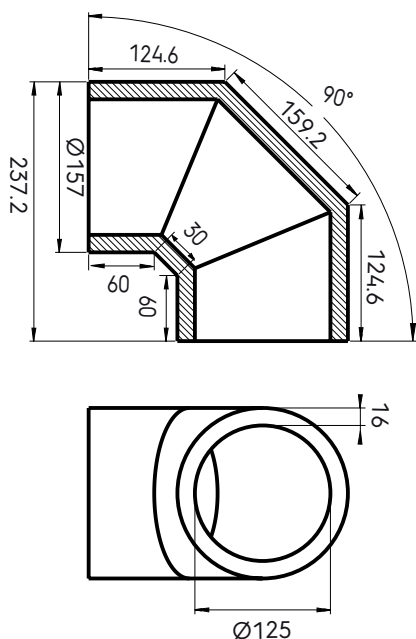
Article number: 188263

Product overview

The Aerfoam 125 mm 90° bend enables smooth directional changes within the Aerfoam system. Made from insulated expanded polyethylene (EPE), it helps reduce heat loss and condensation. 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 applications.

- Integrated insulation reduces heat loss and condensation.
- Smooth airflow supports efficient system performance.
- Lightweight, impact-resistant EPE for easy handling.
- Airtight mechanical connection for fast installation.
- Fully compatible with the complete Aerfoam system.

Product dimensions



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System description

Aerfoam is a complete insulated ductwork system for transporting large air volumes with high airtightness and thermal efficiency. It connects ventilation units, terminals and distribution boxes into one integrated network, delivering reliable airflow, energy-efficient operation and long-term performance throughout residential ventilation systems.

Applications

Suitable for central mechanical ventilation systems with or without heat recovery and DHW Heat Pump. Aerfoam is designed for new-build and renovation projects across all common residential constructions, including single-family homes and apartments.

Installation guidance

Aerfoam's lightweight EPE components allow fast, safe installation with tool-free mechanical connections. Brackets secure ducts to walls or ceilings, and components can be cut to length on site using the Aerfoam knife.

Maintenance and service

The smooth, non-porous inner surface helps minimise dirt accumulation and maintain low pressure loss. When inspection or cleaning is required, components can be easily disconnected and reassembled, supporting reliable long-term system performance.

Warranty and reliability

Manufactured from durable, impact-resistant EPE and designed with proven airtight connections, Aerfoam delivers reliable long-term performance in residential ventilation systems. Products are covered by the statutory two-year guarantee.

Product support

Need assistance with product selection or installation? The Ubbink Advice Team is available to provide technical support and practical guidance. Phone: +XX XXX XXX XXX · Email: support@example.com

Design and planning tools

Ventilation systems using Aerfoam can be designed quickly with the Aerflux Configurator. It calculates ventilation requirements, generates material lists and technical reports, and supports efficient system planning from design through installation. Aerfoam components are also available as BIM-ready models for streamlined project integration.

Compliance, safety and regulation

Aerfoam is manufactured from high-quality EPE and tested for airtightness, fire performance and energy-efficient ventilation. The system supports compliant installation in modern residential buildings and contributes to reliable, safe and durable ventilation performance in accordance with current building requirements.

Technical specifications

Technical	
Colour	Grey
Insulated	☒
Diameter inner	125 mm
Diameter outer	157 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

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Technical specifications (continuation)

Performance	
Installation temperature (max.)	60 °C
Zeta supply 1 connection	0.88
Zeta extract 1 connection	0.88
Dimensions	
Length gross	237 mm
Width	157 mm
Height	237 mm
Net weight	0.06 kg

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Technical details

DN125 90° Bend		
Zeta [-]	0,88	
Qv [m³/h]	Δp [Pa]	V [m/s]
50	0,68	1,13
100	2,71	2,26
150	6,09	3,4
200	10,82	4,53
250	16,91	5,66
300	24,35	6,79
350	33,14	7,92