

Introduction

- The Air Excellent circular ductwork ensures efficient air distribution between distribution boxes and the various rooms.
- Due to its circular shape, the Air Excellent ductwork can be installed easily and ensures keeping pressure losses to a minimum.
- A complete set of accessories is available to make a complete air distribution system.
- All ductwork dimensions connect to one universal distribution box.
- Airtightness Class D for Air Excellent ductwork, Air Excellent ductwork accessories and the Air Excellent plastic distribution box. Tested according to TÜV SÜD Standard TAK 01-2013 (system pressure: + 2000 Pa/- 2000 Pa)



Features & benefits

- Lightweight
- Easy and quick to install
- Strong outer surface for damage-free installation
- Smooth inner surface for less pressure drop and a long-term clean system
- Anti-static and anti-bacterial properties
- For all new-build and renovation applications
- Complete set of accessories available
- Mix and match with semi-circular ductwork



AE48C distribution box adapter

Dimensions

AE48C

Outside (mm)	90
Inside (mm)	75
Surface (m ²)	0.00442

Logistical details

Weight per m (kg)	0.42
Weight per roll 50 m (kg)	21.32
Quantity per roll (m)	50

Air Excellent



AE48C circular ductwork (DN90/75 mm)

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Technical details

	1 x AE48C	2 x AE48C
Qv (Volume) [m³/h]		V (Velocity) [m/s]
10	0.6	0.3
20	1.3	0.6
30	1.9	0.9
40	2.5	1.3
50	3.1	1.6
60	3.8	1.9



AE48C		
Qv (Volume) [m³/h]	ΔP (Pressure loss) [Pa]	
10	1.0	1.0
20	1.0	1.0
30	1.0	1.0
40	1.7	1.0
50	2.6	1.3
60	3.8	1.9
Radius [mm]	0	150
Zeta		0.23

