

Introduction

- The Air Excellent semi-circular ductwork ensures efficient air distribution between distribution boxes and the various rooms.
- Due to its semi-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 circular ductwork



AE35SC distribution box adapter

Dimensions

AE35SC

Width (mm)	102
Height (mm)	50
Surface (m ²)	0.00304

Logistical details

Weight per m (kg)	0.33
Weight per roll 30 m (kg)	9.80
Quantity per roll (m)	20/30

Air Excellent



AE35SC semi-circular ductwork (50 x 102 mm)

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Technical details

	1x AE35SC	2x AE35SC
Qv (Volume) [m³/h]		V (Velocity) [m/s]
10	0.9	0.5
20	1.8	0.9
30	2.7	1.4
40	3.6	1.8
50	4.6	2.3
60	5.5	2.7



AE35SC			
Qv (Volume) [m³/h]	ΔP (Pressure loss) [Pa]		
10	1.0	1.0	1.0
20	1.6	1.0	1.0
30	2.9	1.0	1.2
40	4.7	1.2	2.2
50	6.7	1.8	3.4
60	9.1	2.6	4.8
Radius [mm]	0	150	200
Zeta		0.15	0.27

