

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

Dimensions **AE34C**

| | |
|---------------------------|---------|
| Outside (mm) | 75 |
| Inside (mm) | 63 |
| Surface (m ²) | 0.00312 |

Logistical details

| | |
|-----------------------------|-------|
| Weight per m (kg) | 0.33 |
| Weight per roll 50 m (kg) | 16.99 |
| Quantity per roll (m) | 50 |

Air Excellent



AE34C circular ductwork (DN75/63 mm)

2 | 2

Technical details

| | 1 x AE34C | 2 x AE34C |
|---------------------------------|--------------------|-----------|
| Qv (Volume) [m ³ /h] | V (Velocity) [m/s] | |
| 10 | 0.9 | 0.4 |
| 20 | 1.8 | 0.9 |
| 30 | 2.7 | 1.3 |
| 40 | 3.6 | 1.8 |
| 50 | 4.5 | 2.2 |
| 60 | 5.3 | 2.7 |



| AE34C | | |
|---------------------------------|-------------------------|------|
| Qv (Volume) [m ³ /h] | ΔP (Pressure loss) [Pa] | |
| 10 | 1.0 | 1.0 |
| 20 | 1.2 | 1.0 |
| 30 | 2.8 | 1.2 |
| 40 | 5.2 | 2.3 |
| 50 | 8.2 | 3.6 |
| 60 | 12.0 | 5.2 |
| Radius [mm] | 0 | 150 |
| Zeta | | 0.32 |

