

Thermflow 200mm Ducting

- Rigid lightweight 200mm ducting solution
- Outer case is shockproof and produced as CFC Free polyethylene (PE)
- Pre-Insulated polyolefin foam
- High thermal value achieving 0.038 W/(m·K)
- Quick and simple, airtight installation



CODE	DESCRIPTION
413054	Thermflow Insulated 200mm Round 2m Length (tolerance of +/-50mm due to the manufacturing methods).
413055	Thermflow Insulated 200mm Round 90 Degree Bend
413056	Thermflow Insulated 200mm Round 45 Degree Bend
413057	Thermflow Insulated 200mm Round Connector
413058	Thermflow Insulated 250mm - 200mm Round Reducer
413059	Thermflow Insulated 200mm Round T-Piece

Thermflow 200mm Ducting

Innovative and sustainable insulated ventilation piping system developed to offer high-grade solutions to the increasing demands of comfort climate in residential buildings.

The Thermflow Rigid Range sets the standard for easy to install, pre-insulated ductwork. Quick and simple installation with minimum tools, tubes and bends are easily cut in a right-angle by following the channel of ridges.

Connections utilise rubber connectors ensuring a simple, air-tight, quick and secure installation.

Connections are flexible, absorb movement in the ducting system and therefore result in a tension free installation without resonance.

High thermal insulation value achieving 0.038 W/(m·K) with a closed cell structure and vapour tight barrier, preventing condensation forming. Insulated polyolefin foam is mechanically strong and water repellent, resulting in less dust pollution inside the ducting, it is also easy to clean. Manufactured sustainably without waste of raw materials, recycling directly for future batches with Cradle2Cradle certification.



Technical

Insulation Layer	
Material	Polyolefin foam insulation
Structure	Closed cell structure, CFC free
Inner Diameter	200mm
Thermal Conductivity	0.038 W/m·K
Water Resistant Properties	Water repellent, vapour diffusion tight, no risk of corrosion, moss or mould forming
Chemical Constancy	Excellent
Indentation Resistance	Excellent

Complete System

Fire Classification	SBI Euroclass E according to EN13501
Service Temperature Range	-40°C to +95°C
Noise compression through exterior case conforms to DIN-EN-ISO-5135-1999	TQ-Air 200/170mm 14 dB(A)
Recyclability	100%
Cradle to Cradle certification	Silver*

Protection Casing

Material	Polyethylene
Structure	Corrugated, solid ring, dimensionally stable, mechanically strong and shockproof
Outer diameter	250mm
Scent	Neutral
Colour	Black

Performance



200mm Round 2m Length
Duct Size **CODE**
Ø200mm **413054**

Performance

	Pa	I/s
TQ-Air Flexalen HRV D250/200 Tube L2000	0.10	27.8
	0.20	55.6
	0.30	83.3
	0.80	111.1
	1.30	138.9
	1.80	166.7



200mm Round 90 Deg Bend
Duct Size **CODE**
Ø200mm **413055**

Performance

	Pa	I/s
TQ-Air Flexalen HRV D250/200 Bend 90°	0.20	27.8
	0.50	55.6
	1.00	83.3
	1.90	111.1
	3.10	138.9
	4.50	166.7



200mm Round 45 Deg Bend
Duct Size **CODE**
Ø200mm **413056**

Performance

	Pa	I/s
TQ-Air Flexalen HRV D250/200 Bend 45°	0.20	27.8
	0.50	55.6
	0.80	83.3
	1.40	111.1
	2.30	138.9
	3.40	166.7



200mm Round T-Piece
Duct Size **CODE**
Ø200mm T-Piece **413059**

Performance

	Pa	I/s
TQ-Air Flexalen HRV D250/200 T-Piece	2.50	27.8
	3.00	55.6
	5.00	83.3
	8.00	111.1
	12.50	138.9
	19.80	166.7



200mm Round Connector
Duct Size **CODE**
Ø200mm **413057**



250mm - 200mm Round Reducer
Duct Size **CODE**
Ø200-250mm **413058**