

**Ventilation**

Data Sheet

# Ventiza

## Flex 75

Semi-rigid duct for MVHR systems



**wavin**

orbia 

# Product Information

Wavin Ventiza Flex 75 semi-rigid ducts are designed for use with domestic Mechanical Ventilation with Heat Recovery (MVHR) systems.

Semi-rigid ducting brings a number of great benefits versus traditional rigid plastic systems: continuous runs of up to 50 metres mean less connections to make and less risk of air leakage as a result, as well as simpler mounting and reduced installation times.



## Key features

- ⦿ Supplied in continuous coils of 50 metres in length
- ⦿ Extremely smooth internal surface to minimise air resistance
- ⦿ Ribbed design provides high impact strength and mechanical resistance
- ⦿ Double-wall construction with air void for high acoustic and insulation performance
- ⦿ Antibacterial and antifungal properties to ensure optimal quality of recirculated air
- ⦿ Antistatic properties to minimise settling and accumulation of dust in the air system
- ⦿ Internal wall fluorescent under UV light to aid microbiological analysis
- ⦿ Manufactured for Wavin in our distinctive blue colour

## Product benefits

- ⦿ Continuous length means no joints required every few metres or at every turn and corner - no air leakage creates maximum efficiency
- ⦿ No sawing or taping required - ducts are easily trimmed to length with a bespoke cutting tool (supplied)
- ⦿ The flexibility of the duct allows greater freedom of route design and turning angles
- ⦿ The Ventiza ducting range also includes plenum boxes and connector pieces with airtight seals and ease of installation in mind. See the full Wavin Ventiza product guide for additional information

## Technical data

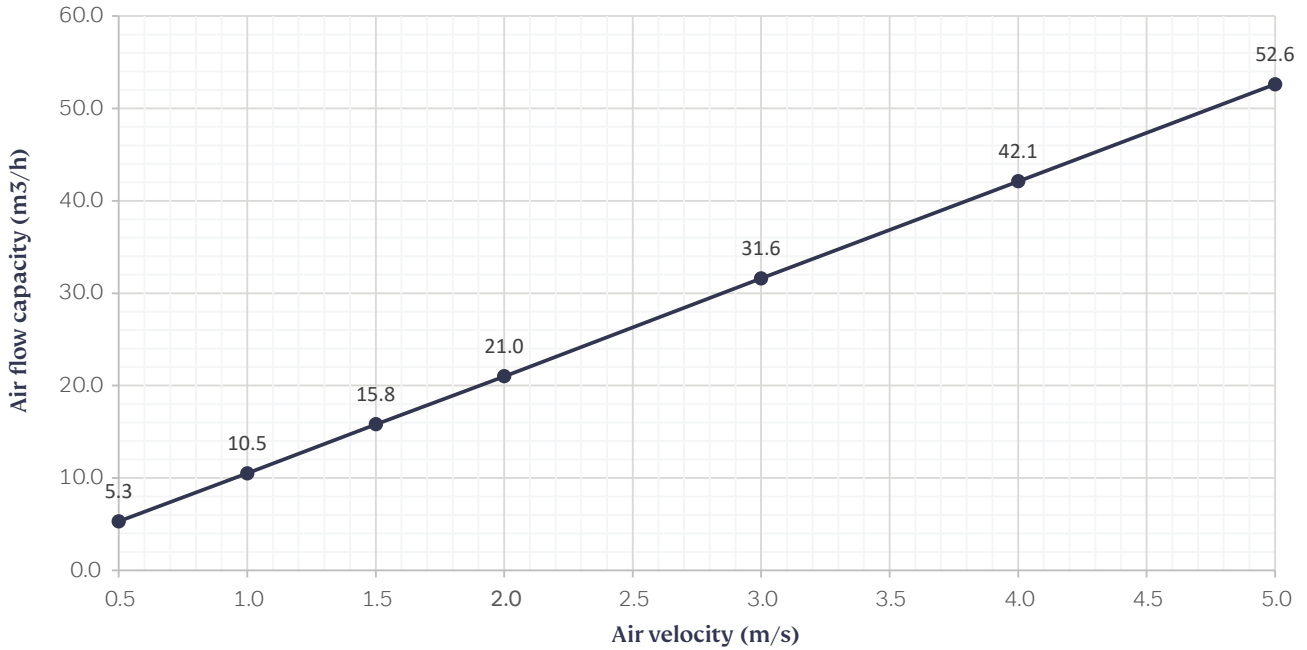
Product code	4083451
Material	Modified polyethylene (HDPE-mod.)
Colour	Blue
Nominal dimension	75.0mm
External diameter	76.2mm
Internal diameter	61.0mm
Minimum bend radius	170mm
Coil length	50m
Coil weight	15.3kg
Compression strength	500N (EN 61386-24)
Impact resistance	N (EN 61386-24)
Longitudinal stiffness	Flexible ducts (EN 13180:2004)
Fire class	Self-extinguishing D-s2,d2 (EN 13501-1:2019:02), halogen-free
Additional properties	Antibacterial layer (ISO 22196:2011)
	Antifungal layer (EN ISO 846:2019)
	Antistatic layer
	Internal surface fluorescent under UV



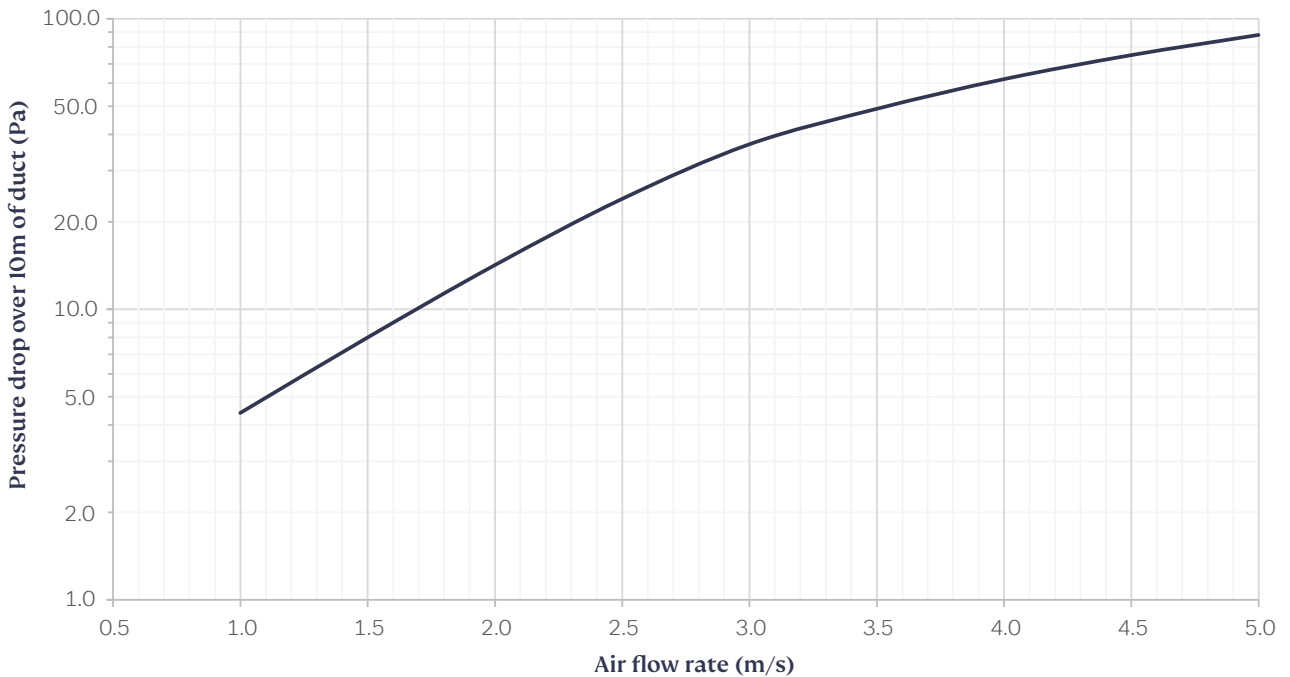
# Performance characteristics

## Air flow capacity (m<sup>3</sup>/h)

	Air velocity (m/s)						
	0.5	1.0	1.5	2.0	3.0	4.0	5.0
Flex 75 m <sup>3</sup> /h	5.3	10.5	15.8	21.0	31.6	42.1	52.6



## Pressure drop (Pa/10m)



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