

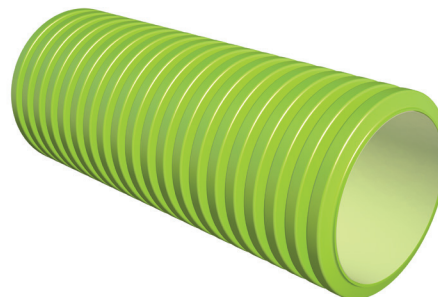
# Air Excellent AE23C Semi-Rigid Duct Anti-Microbial & Anti-Static 50m

Article number: 188660

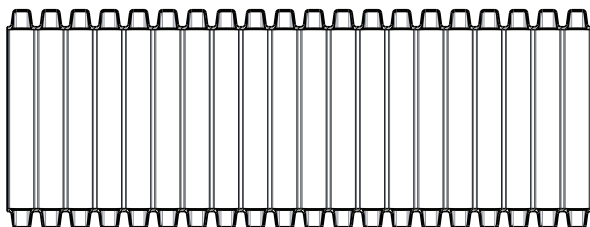
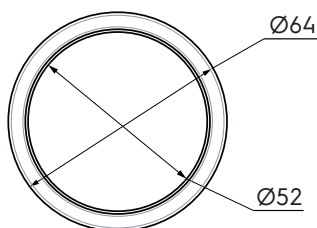
## Product introduction

An Air Excellent semi-rigid plastic duct DN63/50mm with Anti-Microbial and Anti-Static additives.

- Modular manifolds, which can be used with all 6 duct types
- Semi-rigid plastic ducts on a roll and airtight mechanical connections, which are extremely easy to install
- Low system pressure loss due to radial design
- Airtight (class D/ATC 2 up +/- 2000 Pa) thanks to mechanical connections, which minimises fan energy use and sound production
- TÜV SÜD and ISEGA tested and certified, REACH compliant



## Product dimensions



## Technical specifications

Specifications	
Technical	
Colour	Green
Material	PE
Anti static	<input checked="" type="checkbox"/>
Antimicrobial	<input checked="" type="checkbox"/>

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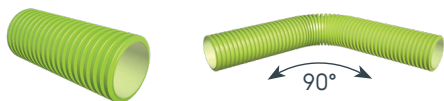
## Technical specifications (continuation)

Technical	
Diameter inner	52 mm
Diameter outer	63 mm
Performance	
Temperature resistance (min.)	-20 °C
Temperature resistance (max.)	60 °C
Reaction to fire: Euro class	E
Installation temperature (min.)	0 °C
Installation temperature (max.)	50 °C
Dimensions	
Length gross	50000 mm
Width	64 mm
Height	64 mm

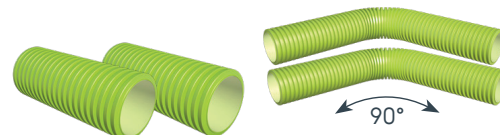
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## Technical details



	AE23C [/m]		AE23C Radius	
Radius [mm]	0		150	
Zeta [-]	0		0,88	
Duct runs	1		1	
Qv [m³/h]	v [m/s]	Δp [Pa]	v [m/s]	Δp [Pa]
0	0,0	0,0	0,0	0,0
5	0,7	0,1	0,7	0,2
10	1,3	0,6	1,3	0,9
15	2,0	1,5	2,0	2,0
20	2,6	2,8	2,6	3,6
25	3,3	4,5	3,3	5,6
30	3,9	6,6	3,9	8,0
35	4,6	9,1	4,6	10,9
40	5,2	12,0	5,2	14,2



	AE23C [/m]			AE23C Radius	
Radius [mm]	0			150	
Zeta [-]	0			0,88	
Duct runs	2			2	
Qv [m³/h]	v [m/s]	Δp [Pa]	v [m/s]	Δp [Pa]	
0	0,0	0,0	0,0	0,0	
5	0,3	0,0	0,3	0,1	
10	0,7	0,1	0,7	0,2	
15	1,0	0,3	1,0	0,5	
20	1,3	0,6	1,3	0,9	
25	1,6	1,0	1,6	1,4	
30	2,0	1,5	2,0	2,0	
35	2,3	2,1	2,3	2,7	
40	2,6	2,8	2,6	3,6	
45	2,9	3,6	2,9	4,5	
50	3,3	4,5	3,3	5,6	
55	3,6	5,5	3,6	6,7	
60	3,9	6,6	3,9	8,0	
65	4,3	7,8	4,3	9,4	
70	4,6	9,1	4,6	10,9	
75	4,9	10,5	4,9	12,5	
80	5,2	12,0	5,2	14,2	