

Air Excellent AE34C Semi-Rigid Duct Anti-Microbial & Anti-Static 50m



Centrotherm
solutions beyond

Article number: 188661

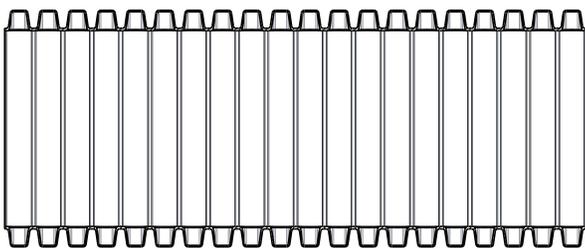
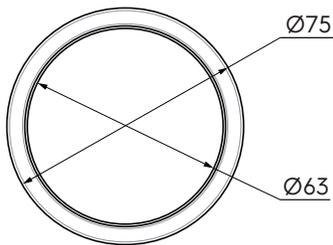


Product introduction

An Air Excellent semi-rigid plastic duct DN75/63mm with Anti-Microbial and Anti-Static additives.

- Low system pressure loss due to radial design
- Airtightness Class ATC1 up to +/- 1000 Pa, which minimises fan energy use and sound production
- Modular manifolds, which can be used with all duct types
- Semi-rigid ducts on a roll and airtight mechanical connections, which are extremely easy to install
- TÜV SÜD and ISEGA tested and certified, REACH compliant

Product dimensions



Performance

- Flow at 3m/s = 34 m³/h
- Flow at 4m/s = 45 m³/h

Safety, Health & Environment

- Treated with silver ions: antistatic and antimicrobial conduit

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Technical specifications

Specifications	
Technical	
Color	Green
Anti static	<input checked="" type="checkbox"/>
Antimicrobial	<input checked="" type="checkbox"/>
Diameter inner	63 mm
Diameter outer	75 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	75 mm
Height	75 mm
Net weight	16.63 kg
Certification	
Certificates (EU)	TÜV TAK 01-2013

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Technical details



AE34C [/m]		AE34C Radius		
Radius [mm]	0	150		
Zeta [-]	0	0,9		
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	0,4	0,0	0,4	0,1
10	0,9	0,2	0,9	0,4
15	1,3	0,6	1,3	0,9
20	1,8	1,2	1,8	1,7
25	2,2	2,0	2,2	2,6
30	2,7	2,9	2,7	3,8
35	3,1	4,1	3,1	5,2
40	3,6	5,4	3,6	6,7
45	4,0	7,0	4,0	8,5
50	4,5	8,7	4,5	10,5
55	4,9	10,6	4,9	12,8
60	5,3	12,7	5,3	15,2



AE34C [/m]			AE34C Radius	
Radius [mm]	0	150		
Zeta [-]	0	0,9		
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	0,2	0,0	0,2	0,0
10	0,4	0,0	0,4	0,1
15	0,7	0,1	0,7	0,2
20	0,9	0,2	0,9	0,4
25	1,1	0,4	1,1	0,7
30	1,3	0,6	1,3	0,9
35	1,6	0,9	1,6	1,3
40	1,8	1,2	1,8	1,7
45	2,0	1,6	2,0	2,1
50	2,2	2,0	2,2	2,6
55	2,5	2,4	2,5	3,2
60	2,7	2,9	2,7	3,8
65	2,9	3,5	2,9	4,5
70	3,1	4,1	3,1	5,2
75	3,3	4,7	3,3	5,9
80	3,6	5,4	3,6	6,7
85	3,8	6,2	3,8	7,6
90	4,0	7,0	4,0	8,5
95	4,2	7,8	4,2	9,5
100	4,5	8,7	4,5	10,5
105	4,7	9,6	4,7	11,6
110	4,9	10,6	4,9	12,8
115	5,1	11,6	5,1	13,9

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