

AIR EXCELLENT

AE48C 90° bends

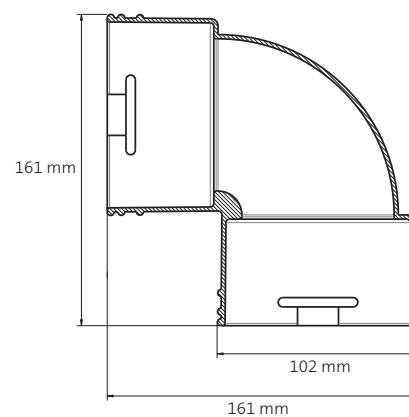
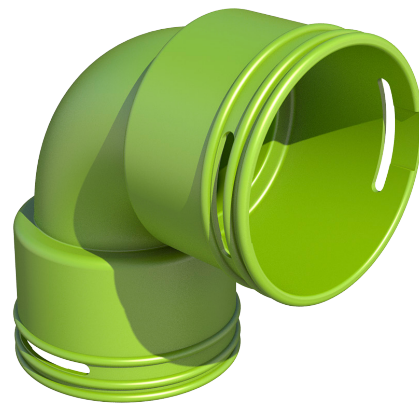
Features & benefits

- Enabling tight, vertical or horizontal turns
- For installation into walls and ceilings
- For circular AE48C ductwork (DN90/75 mm)
- Anti-static and anti-bacterial properties
- Made of virgin raw PP materials
- Part of the TÜV SÜD certified Air Excellent system



The 90° bend

The 90° bend is developed to make tight turns to get around obstacles with a minimum of air resistance. The AE48C duct is developed to lay out with a certain inclination but there will come circumstances where tight 90° bends are required.



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Technical details



AE48C 90° bend

Zeta [-]	0,9	
Duct runs	1	
Qv [m³/h]	v [m/s]	Δp [Pa]
0	0,0	0,0
5	0,3	0,1
10	0,6	0,2
15	0,9	0,5
20	1,3	0,8
25	1,6	1,3
30	1,9	1,9
35	2,2	2,6
40	2,5	3,4
45	2,8	4,2
50	3,1	5,2
55	3,5	6,3
60	3,8	7,6
65	4,1	8,9
70	4,4	10,3
75	4,7	11,8
80	5,0	13,4

