

AIR EXCELLENT

AE35SC/AE34C adapting bend

Features & benefits

- For changing from semi-circular to circular ductwork
- For semi-circular ductwork AE35SC (50 x 102 mm) and for circular AE34C ductwork (DN75/63 mm)
- For installation in walls, floors and ceilings
- Anti-static and anti-bacterial properties
- Made of virgin raw PP materials
- Part of the TÜV SÜD certified Air Excellent system



The adapting bend

The AE35SC/AE34C adapting bend enables installations that are desired to change from circular to semi-circular because of height limitations in for example floors or walls.



AE34C → AE35SC AE35SC → AE34C				
Zeta [-]	2,38		1,14	
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	0,3	0,5	0,1
10	0,9	1,1	0,9	0,6
15	1,3	2,5	1,4	1,3
20	1,8	4,5	1,8	2,2
25	2,2	7,0	2,3	3,5
30	2,7	10,0	2,7	5,0
35	3,1	13,7	3,2	6,9
40	3,6	17,8	3,6	9,0
45	4,0	22,6	4,1	11,3
50	4,5	27,9	4,6	14,0
55	4,9	33,7	5,0	16,9
60	5,3	40,1	-	-

