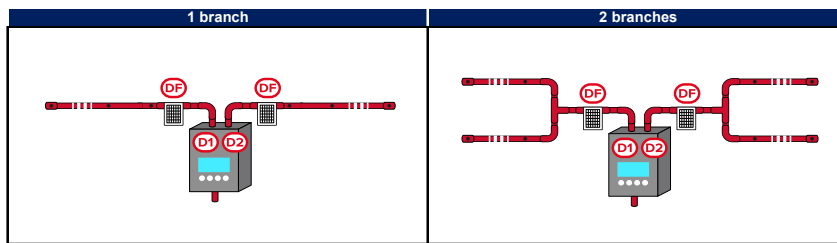


Table A2\_DF

Detection class	A
Number of detectors	2
Anti-dust filter	Yes
Condensation trap	No

D1	detector 1 module
D2	detector 2 module
DF	filter for dust

Øn	diameter of the hole "n" (mm)
S	detection sensitivity (10 <sup>-5</sup> dB/m)
V	aspiration speed (RPM)
F	expected airflow (l/min)
B	air aspiration balancing between the holes (%)
T	transit time of the smoke (s)



Number of branches	Length of branches (m)	parameters	Number of holes for each branch							
			1	2	3	4	5	6	7	8
1	30 ÷ 60	Ø	Ø 1: 10	Ø 1: 4.5 Ø 2: 7	Ø 1: 4 Ø 2: 4.5 Ø 3: 6	Ø 1..3: 3.5 Ø 4: 5	Ø 1.3: 3.5 Ø 4: 4 Ø 5: 5	Ø 1: 3 Ø 2..4: 3.5 Ø 5: 4 Ø 6: 5	Ø 1..2: 3 Ø 3..6: 3.5 Ø 7: 4	Ø 1..2: 3 Ø 3..5: 3.5 Ø 6..8: 4
		S	2500	860	654	478	398	332	300	266
		V	2000	2250	2500	2750	2750	2750	3250	3500
		F	30.6	38.3	47.7	51.6	58.2	60.9	71.2	81.1
		B	100	60	66	53	59	58	78	80
		T	53	55	54	54	54	54	56	54
1	10 ÷ 30	Ø	Ø 1: 5	Ø 1: 3.5 Ø 2: 4.5	Ø 1..2: 3.5 Ø 3: 4.5	Ø 1..3: 3.5 Ø 4: 4.5	Ø 1..4: 3 Ø 5: 4	Ø 1..5: 3 Ø 6: 4	Ø 1..6: 2.5 Ø 7: 3	Ø 1..8: 2.5
		S	2500	964	684	518	412	344	322	298
		V	1500	1500	1500	1500	1500	1500	2000	2250
		F	14.4	18.6	24.1	28.5	27.2	30.2	35.1	42.1
		B	100	66	64	64	58	58	70	89
		T	50	51	47	46	51	50	47	48
2	20 ÷ 40	Ø	Ø 1: 5.5	Ø 1: 3.5 Ø 2: 4.5	Ø 1..2: 3 Ø 3: 4	Ø 1..4: 3				
		S	1250	490	332	302				
		V	2000	2250	2500	3250				
		F	38.4	48.2	56.4	78.2				
		B	100	66	59	92				
		T	56	60	59	59				
2	5 ÷ 20	Ø	Ø 1: 4	Ø 1: 2.5 Ø 2: 3.5	Ø 1..2: 2.5 Ø 3: 3	Ø 1..4: 2.5				
		S	1250	426	364	308				
		V	1500	1500	1750	2000				
		F	19.9	22.8	30.4	39.2				
		B	100	53	70	97				
		T	45	50	48	48				