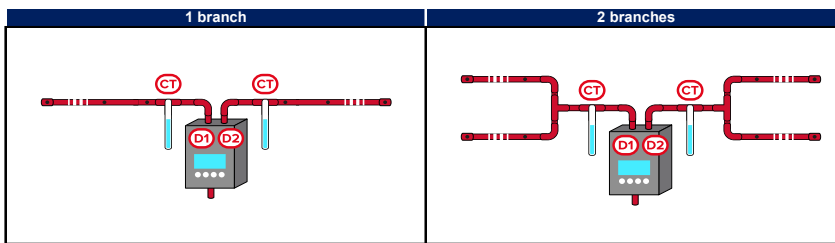


Table A2\_CT

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

D1	detector 1 module
D2	detector 2 module
CT	trap for condensation

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: 5 Ø 2: 8	Ø 1.2: 4 Ø 3: 5.5	Ø 1: 3.5 Ø 2.3: 4 Ø 4: 5.5	Ø 1.2: 3 Ø 3.4: 3.5 Ø 5: 4.5	Ø 1.2: 3 Ø 3.5: 3.5 Ø 6: 4.5	Ø 1: 3 Ø 2.5: 3.5 Ø 6: 4 Ø 7: 4.5	Ø 1: 3 Ø 2.4: 3.5 Ø 5.6: 4 Ø 7.8: 4.5
		S	2500	876	650	490	384	334	298	268
		V	2000	2250	2500	2500	2750	2750	3000	3250
		F	31.6	43.3	46.7	51.8	54.4	60.4	71.1	81.2
		B	100	64	61	60	56	60	69	80
		T	51	49	55	55	56	56	54	53
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 Ø 4: 4	Ø 1.4: 3 Ø 5: 4	Ø 1.4: 2.5 Ø 5: 3 Ø 6: 3.5	Ø 1.6: 2.5 Ø 7: 3	Ø 1.8: 2.5
		S	2500	964	684	512	414	334	322	298
		V	1500	1500	1500	1500	1500	1750	2000	2250
		F	14.6	18.9	24.7	24.3	28.1	30.7	36.1	43.5
		B	100	65	64	58	58	53	70	89
		T	49	50	46	51	49	45	46	47
2	20 ÷ 40	Ø	Ø 1: 6	Ø 1: 3.5 Ø 2: 4.5	Ø 1.2: 3 Ø 3: 4	Ø 1.4: 2.5				
		S	1250	488	332	306				
		V	1750	2250	2500	3750				
		F	37.3	50.4	59.2	74.8				
		B	100	66	59	96				
		T	58	57	56	61				
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	20.2	23.3	31.2	40.6				
		B	100	53	70	97				
		T	44	49	46	47				