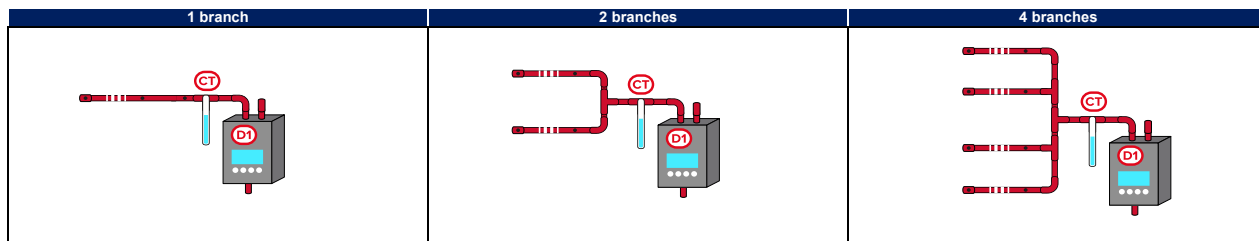


Table A1\_CT

Detection class	A
Number of detectors	1
Anti-dust filter	No
Condensation trap	Yes

D1	detector 1 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	60 ÷ 90	Ø	Ø 1: 10	Ø 1: 5 Ø 2: 10	Ø 1: 3.5 Ø 2: 4 Ø 3: 5.5	Ø 1: 3.5 Ø 2.:3: 4 Ø 4: 6	Ø 1: 3.5 Ø 2: 4 Ø 3: 4.5 Ø 4: 5 Ø 5: 7.5	Ø 1: 3 Ø 2.:3: 3.5 Ø 4.:5: 4 Ø 6: 5.5	Ø 1: 3 Ø 2.:3: 3.5 Ø 4.:5: 4 Ø 6: 4.5 Ø 7: 5.5	
		S	2500	903	641	476	421	343	302	
		V	3000	3000	3500	3750	4000	4250	4500	
		F	23.6	29.9	31.7	37.3	44.5	47	52.9	
		B	100	60	57	53	62	59	69	
		T	57	59	64	62	61	60	61	
1	30 ÷ 60	Ø	Ø 1: 10	Ø 1: 5.5 Ø 2: 10	Ø 1: 4 Ø 2: 4.5 Ø 3: 6	Ø 1: 4 Ø 2: 4.5 Ø 3: 5 Ø 4: 7	Ø 1.:3: 3.5 Ø 4: 4 Ø 5: 5	Ø 1: 3.5 Ø 2.:3: 4 Ø 4: 4.5 Ø 5: 5 Ø 6: 6.5	Ø 1: 3 Ø 2.:4: 3.5 Ø 5.:6: 4 Ø 7: 4.5	Ø 1.:2: 3 Ø 3.:5: 3.5 Ø 6.:8: 4
		S	2500	855	651	512	394	341	300	260
		V	2000	2000	2250	2250	2500	2500	2750	3250
		F	17.1	22.2	23.9	29.9	30.6	35.1	37.2	44.1
		B	100	68	66	66	59	67	75	83
		T	47	49	54	48	51	49	53	50
1	15 ÷ 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.:5: 3 Ø 6: 4	Ø 1.:6: 3 Ø 7: 3.5	Ø 1.:8: 2.5
		S	2500	976	685	510	412	344	311	296
		V	1500	1500	1500	1500	1500	1500	1500	2000
		F	7.2	9.6	12.7	12.6	14.8	16.8	18.2	20.4
		B	100	66	64	58	58	58	75	87
		T	56	56	51	56	53	50	55	56
2	30 ÷ 60	Ø	Ø 1: 10	Ø 1: 4.5 Ø 2: 7	Ø 1.:2: 4 Ø 3: 5.5	Ø 1.:2: 4 Ø 3: 4.5 Ø 4: 5				
		S	1250	428	325	270				
		V	2000	2250	2500	2750				
		F	31.5	39.4	46.4	60.2				
		B	100	59	61	81				
		T	51	53	56	53				
2	15 ÷ 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				
		S	1250	488	343	278				
		V	1500	1500	1500	1500				
		F	14.2	18.6	24.1	27.7				
		B	100	66	65	80				
		T	57	58	54	58				
4	20 ÷ 40	Ø	Ø 1: 6	Ø 1: 3.5 Ø 2: 4						
		S	625	277						
		V	1750	2500						
		F	37.1	51.7						
		B	100	81						
		T	58	59						
4	5 ÷ 20	Ø	Ø 1: 4	Ø 1: 3 Ø 2: 3.5						
		S	625	266						
		V	1500	1500						
		F	20.2	26.1						
		B	100	76						
		T	45	47						