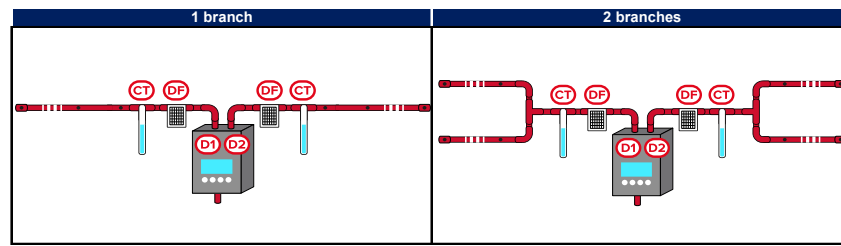


Table C2_DF_CT, holes from 1 to 18

Detection class	C
Number of detectors	2
Anti-dust filter	Yes
Condensation trap	Yes

D1	detector 1 module
D2	detector 2 module
DF	filter for dust
CT	trap for condensation
Øn	diameter of the hole "n" (mm)
S	detection sensitivity (10 ⁻⁵ 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)

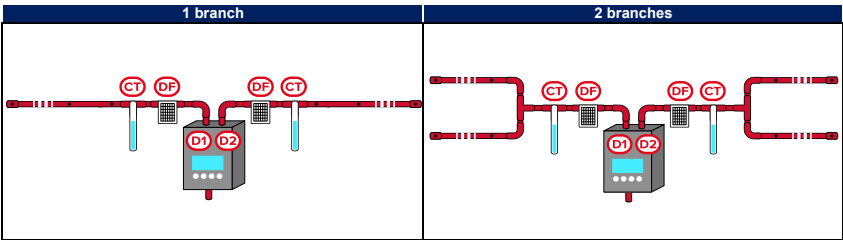


Number of branches	Length of branches (m)	parameters	Number of holes for each branch																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	30 ÷ 60	Ø	Ø 1: 10	Ø 1: 4.5 Ø 2: 7	Ø 1.2: 4 Ø 3: 6	Ø 1: 3.5 Ø 2.3: 4 Ø 4: 6	Ø 1: 3 Ø 2.4: 3.5 Ø 5: 5	Ø 1.2: 3 Ø 3.5: 3.5 Ø 6: 5	Ø 1.3: 3 Ø 4.6: 3.5 Ø 7: 5	Ø 1.3: 2.5 Ø 4.7: 3 Ø 8: 4	Ø 1.3: 2.5 Ø 4.8: 3 Ø 9: 4	Ø 1.4: 2.5 Ø 5.9: 3 Ø 10: 4	Ø 1.5: 2.5 Ø 6.10: 3 Ø 11: 4	Ø 1.6: 2.5 Ø 7.11: 3 Ø 12: 4	Ø 1.6: 2 Ø 7.12: 2.5 Ø 13: 3	Ø 1.6: 2 Ø 7.13: 2.5 Ø 14: 3	Ø 1.8: 2 Ø 9.14: 2.5 Ø 15: 3	Ø 1.2: 2 Ø 3.8: 2.5 Ø 9.15: 3 Ø 16: 4	Ø 1.9: 2 Ø 10.16: 2.5 Ø 17: 3	Ø 1.9: 2 Ø 10.17: 2.5 Ø 18: 3	
		S	20000	6878	4818	3786	3000	2554	2218	1894	1720	1548	1410	1294	1158	1080	1004	938	884	832	
		V	2000	2250	2500	2500	2750	2750	2750	3000	3000	3250	3250	3250	3500	3500	3500	3750	3500	3750	3750
		F	30.6	38.3	46.4	50.5	55.3	58.6	61.6	62.6	64.4	72.1	73.6	75.6	72.2	74.3	81.4	87.3	86.2	86.1	
		B	100	60	53	52	53	52	51	50	53	52	51	51	50	50	51	54	51	51	
		T	53	55	53	54	54	54	55	56	58	54	55	55	57	59	55	54	54	54	
1	10 ÷ 30	Ø	Ø 1: 5	Ø 1: 3 Ø 2: 4.5	Ø 1.2: 3 Ø 3: 4.5	Ø 1.3: 3 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: 3.5	Ø 1.7: 2.5 Ø 8: 3.5	Ø 1.3: 2 Ø 4.8: 2.5 Ø 9: 3	Ø 1.4: 2 Ø 5.9: 2.5 Ø 10: 3	Ø 1.5: 2 Ø 6.10: 2.5 Ø 11: 3	Ø 1.5: 2 Ø 6.11: 2.5 Ø 12: 3	Ø 1.12: 2 Ø 13: 2.5	Ø 1.13: 2 Ø 14: 2.5	Ø 1.14: 2 Ø 15: 2.5	Ø 1.15: 2 Ø 16: 2.5	Ø 1.17: 2	Ø 1.18: 2	
		S	20000	6316	4730	3736	3302	2750	2390	2098	1574	1452	1326	1228	1392	1288	1198	1118	1096	1036	
		V	1500	1500	1500	1500	1500	1500	1750	1750	1750	1750	1750	1750	1750	2000	2000	2000	2000	2250	2500
		F	14.4	17.0	21.3	25.1	27.2	30.1	31.6	34.2	32.6	34.1	36.0	37.7	39.2	41.1	42.8	44.3	51.2	59.1	
		B	100	48	47	47	58	58	52	52	50	50	50	51	64	64	64	64	64	83	83
		T	50	52	49	46	51	50	47	46	51	49	48	48	51	50	50	49	49	51	45
2	20 ÷ 40	Ø	Ø 1: 5.5	Ø 1: 3 Ø 2: 4.5	Ø 1.2: 3 Ø 3: 4	Ø 1.3: 2.5 Ø 4: 3.5	Ø 1.4: 2.5 Ø 5: 3.5	Ø 1.4: 2 Ø 5: 2.5 Ø 6: 3	Ø 1.5: 2 Ø 6: 2.5 Ø 7: 3	Ø 1.7: 2 Ø 8: 2.5	Ø 1.8: 2 Ø 9: 2.5	Ø 1.10: 2									
		S	10000	3202	2652	1990	1630	1204	1066	1134	1008	966									
		V	2000	2250	2500	2750	2750	3000	3000	3500	3500	4250									
		F	38.3	45.0	56.3	59.6	66.3	68.6	73.1	82.5	87.6	109.8									
		B	100	49	59	52	52	46	46	64	64	91									
		T	56	60	59	60	59	60	59	61	60	59									
2	5 ÷ 20	Ø	Ø 1: 4	Ø 1: 2.5 Ø 2: 3.5	Ø 1.2: 2.5 Ø 3: 3.5	Ø 1.3: 2.5 Ø 4: 3	Ø 1.4: 2 Ø 5: 2.5	Ø 1.5: 2 Ø 6: 2.5	Ø 1.6: 2 Ø 7: 2.5	Ø 1.8: 2	Ø 1.9: 2										
		S	10000	3404	2528	2230	1782	1504	1300	1226	1094										
		V	1500	1500	1500	1750	2000	2000	2000	2250	3250										
		F	19.9	22.8	28.7	36.6	35.9	40.6	44.6	52.2	81.1										
		B	100	53	52	70	64	64	64	95	96										
		T	45	50	46	45	48	46	44	48	32										

Table C2_DF_CT, holes from 19 to 27

Detection class	C
Number of detectors	2
Anti-dust filter	Yes
Condensation trap	Yes

D1	detector 1 module
D2	detector 2 module
DF	filter for dust
CT	trap for condensation
Øn	diameter of the hole "n" (mm)
S	detection sensitivity (10 ⁻⁵ 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								
			19	20	21	22	23	24	25	26	27
1	30 ÷ 60	Ø	Ø 1..12: 2 Ø 13..18: 2.5 Ø 19: 3	Ø 1..10: 2 Ø 11..19: 2.5 Ø 20: 3	Ø 1..14: 2 Ø 15..20: 2.5 Ø 21: 3	Ø 1..11: 2 Ø 12..21: 2.5 Ø 22: 3	Ø 1..22: 2 Ø 23: 2.5	Ø 1..17: 2 Ø 18..23: 2.5 Ø 24: 3	Ø 1..13: 2 Ø 14..24: 2.5 Ø 25: 3	Ø 1..25: 2 Ø 26: 2.5	Ø 1..26: 2 Ø 27: 2.5
		S	780	734	696	662	712	594	566	608	576
		V	3750	4000	4000	4000	4250	4250	4250	4750	4750
		F	89.5	97.7	95.9	97.1	104.5	105.5	106.6	117.9	119.1
		B	50	50	50	50	63	50	50	55	53
		T	55	52	54	56	57	53	55	54	55
1	10 ÷ 30	Ø	Ø 1..19: 2	Ø 1..20: 2	Ø 1..21: 2	Ø 1..22: 2	Ø 1..23: 2				
		S	982	932	884	844	804				
		V	2750	3000	3250	3750	4250				
		F	66.7	74.1	81.7	96.1	110.9				
		B	83	82	80	79	78				
		T	41	37	34	29	26				