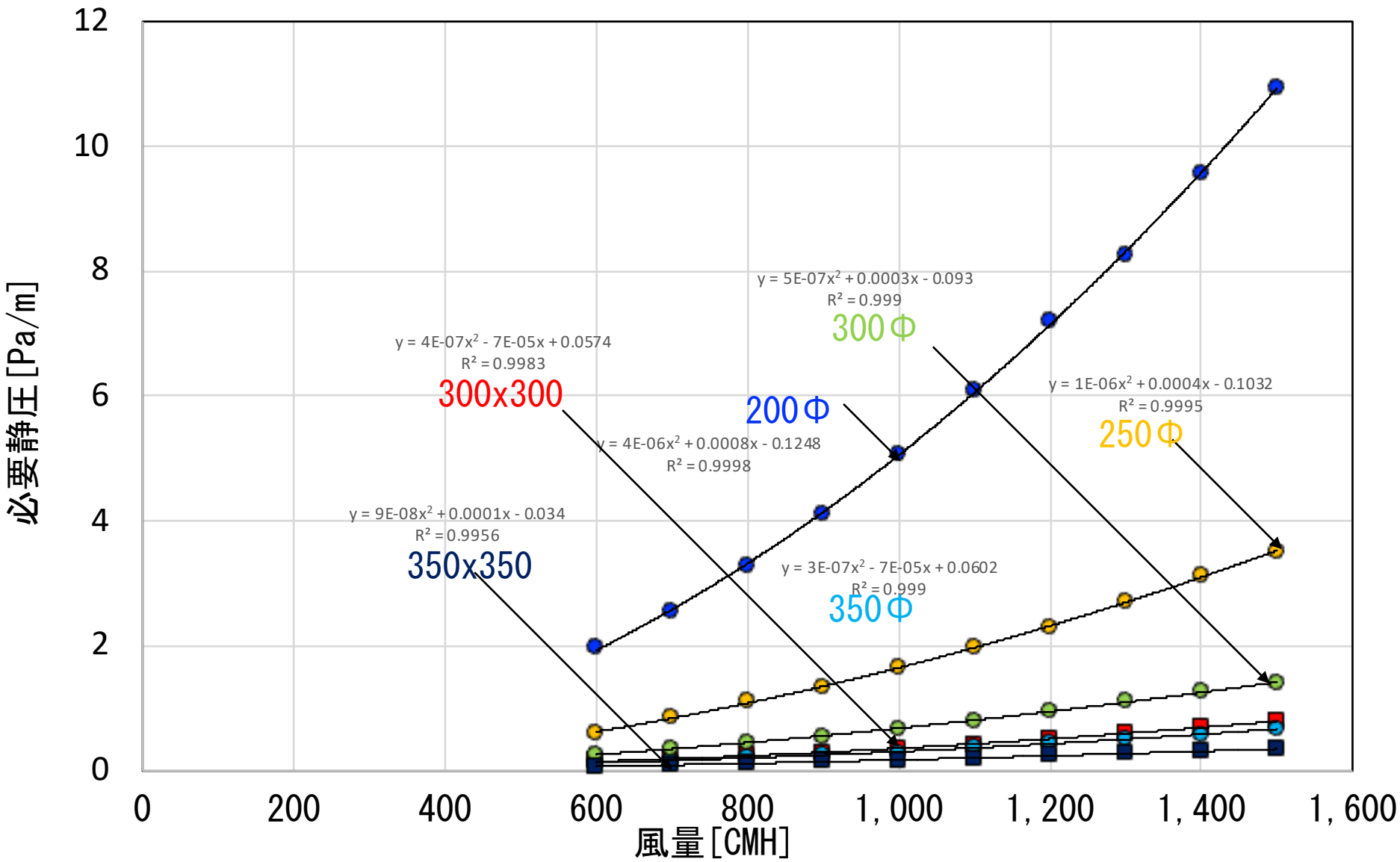
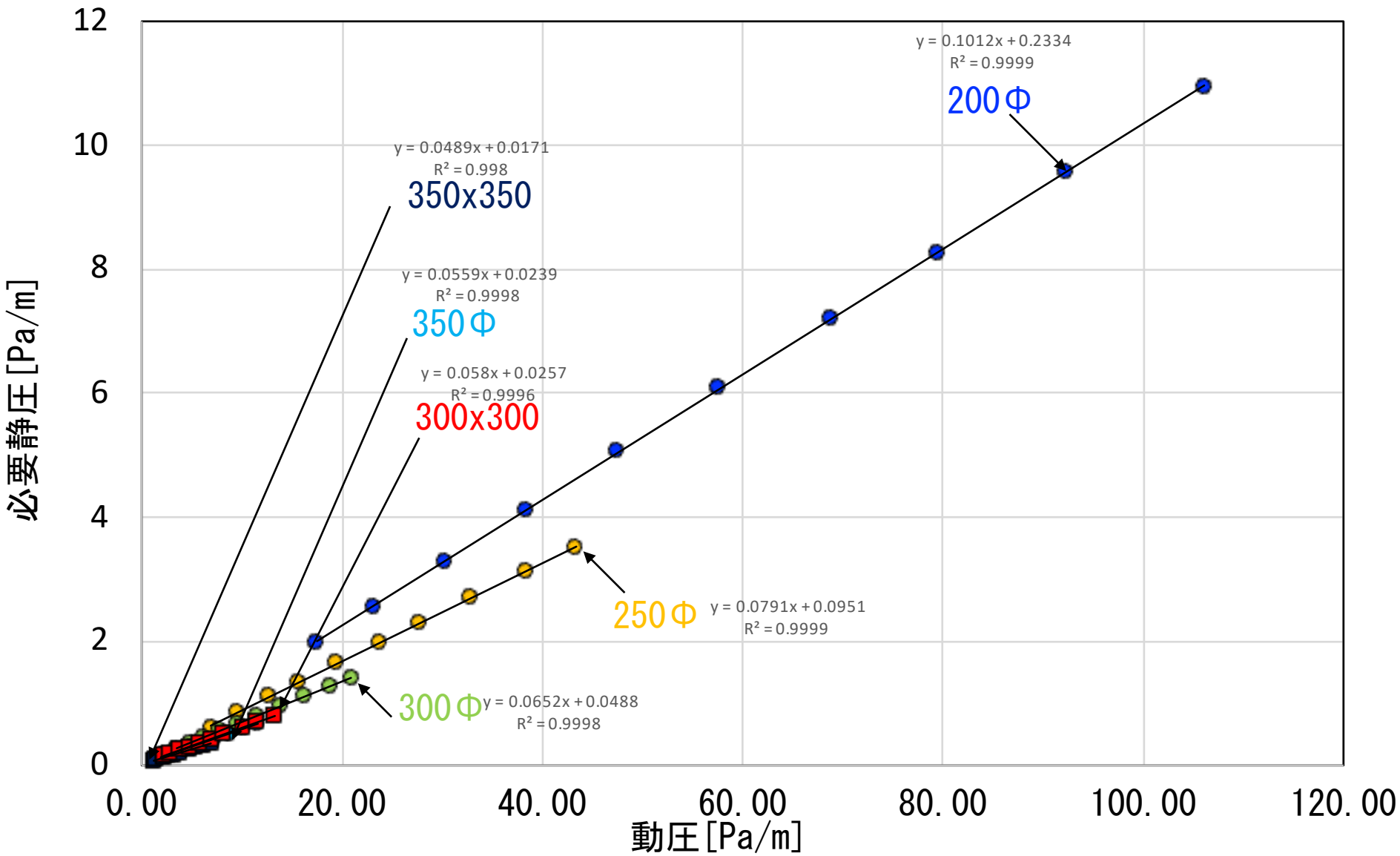
material	Air Volume	duct size spiral	duct size rectangle			length	wind speed	Dynamic pressure	coefficient of drag	Static Pressure	others	Static Pressure	remarks
-	m3/h	ϕ	mm	x	mm	m	m/s	Pa	-	Pa/m	Pa	Pa	-
straight	600	200		x		1	5.40	17.50	0.000	1.98		1.98	
straight	700	200		x		1	6.20	23.10	0.000	2.55		2.55	
straight	800	200		x		1	7.10	30.20	0.000	3.28		3.28	
straight	900	200		x		1	8.00	38.40	0.000	4.13		4.13	
straight	1,000	200		x		1	8.90	47.50	0.000	5.06		5.06	
straight	1,100	200		x		1	9.80	57.60	0.000	6.09		6.09	
straight	1,200	200		x		1	10.70	68.70	0.000	7.22		7.22	
straight	1,300	200		x		1	11.50	79.40	0.000	8.26		8.26	
straight	1,400	200		x		1	12.40	92.30	0.000	9.56		9.56	
straight	1,500	200		x		1	13.30	106.10	0.000	10.94		10.94	
straight	600	250		x		1	3.40	6.90	0.000	0.62		0.62	
straight	700	250		x		1	4.00	9.60	0.000	0.85		0.85	
straight	800	250		x		1	4.60	12.70	0.000	1.11		1.11	
straight	900	250		x		1	5.10	15.60	0.000	1.33		1.33	
straight	1,000	250		x		1	5.70	19.50	0.000	1.65		1.65	
straight	1,100	250		x		1	6.30	23.80	0.000	1.99		1.99	
straight	1,200	250		x		1	6.80	27.70	0.000	2.29		2.29	
straight	1,300	250		x		1	7.40	32.90	0.000	2.70		2.70	
straight	1,400	250		x		1	8.00	38.40	0.000	3.14		3.14	
straight	1,500	250		x		1	8.50	43.40	0.000	3.51		3.51	
straight	600	300		x		1	2.40	3.50	0.000	0.27		0.27	
straight	700	300		x		1	2.80	4.70	0.000	0.35		0.35	
straight	800	300		x		1	3.20	6.10	0.000	0.45		0.45	
straight	900	300		x		1	3.60	7.80	0.000	0.56		0.56	
straight	1,000	300		x		1	4.00	9.60	0.000	0.68		0.68	
straight	1,100	300		x		1	4.40	11.60	0.000	0.81		0.81	
straight	1,200	300		x		1	4.80	13.80	0.000	0.95		0.95	
straight	1,300	300		x		1	5.20	16.20	0.000	1.11		1.11	
straight	1,400	300		x		1	5.60	18.80	0.000	1.28		1.28	
straight	1,500	300		x		1	5.90	20.90	0.000	1.40		1.40	
straight	600	350		x		1	1.80	1.90	0.000	0.13		0.13	
straight	700	350		x		1	2.10	2.60	0.000	0.17		0.17	
straight	800	350		x		1	2.40	3.50	0.000	0.22		0.22	
straight	900	350		x		1	2.60	4.10	0.000	0.25		0.25	
straight	1,000	350		x		1	2.90	5.00	0.000	0.30		0.30	
straight	1,100	350		x		1	3.20	6.10	0.000	0.37		0.37	
straight	1,200	350		x		1	3.50	7.40	0.000	0.44		0.44	
straight	1,300	350		x		1	3.80	8.70	0.000	0.51		0.51	
straight	1,400	350		x		1	4.10	10.10	0.000	0.59		0.59	
straight	1,500	350		x		1	4.40	11.60	0.000	0.67		0.67	
straight	600		300	x	300	1	1.90	2.20	0.000	0.15		0.15	
straight	700		300	x	300	1	2.20	2.90	0.000	0.19		0.19	
straight	800		300	x	300	1	2.50	3.80	0.000	0.25		0.25	
straight	900		300	x	300	1	2.80	4.70	0.000	0.30		0.30	
straight	1,000		300	x	300	1	3.10	5.80	0.000	0.36		0.36	
straight	1,100		300	x	300	1	3.40	6.90	0.000	0.43		0.43	
straight	1,200		300	x	300	1	3.70	8.20	0.000	0.50		0.50	
straight	1,300		300	x	300	1	4.10	10.10	0.000	0.62		0.62	
straight	1,400		300	x	300	1	4.40	11.60	0.000	0.70		0.70	
straight	1,500		300	x	300	1	4.70	13.30	0.000	0.79		0.79	
straight	600		350	x	350	1	1.40	1.20	0.000	0.07		0.07	
straight	700		350	x	350	1	1.60	1.50	0.000	0.09		0.09	
straight	800		350	x	350	1	1.90	2.20	0.000	0.13		0.13	
straight	900		350	x	350	1	2.10	2.60	0.000	0.15		0.15	
straight	1,000		350	x	350	1	2.30	3.20	0.000	0.17		0.17	
straight	1,100		350	x	350	1	2.50	3.80	0.000	0.20		0.20	
straight	1,200		350	x	350	1	2.80	4.70	0.000	0.25		0.25	
straight	1,300		350	x	350	1	3.00	5.40	0.000	0.28		0.28	
straight	1,400		350	x	350	1	3.20	6.10	0.000	0.32		0.32	
straight	1,500		350	x	350	1	3.40	6.90	0.000	0.35		0.35	
				x			0.00	0.00	0.000	0.00		0.00	
				x			0.00	0.00	0.000	0.00		0.00	
Sub Total												96.07	
percentage of allowance												1.10	
Total												105.68	


必要静圧[Pa/m]
風量[CMH]
0
2
4
6
8
10
12
0
200
400
600
800
1,000
1,200
1,400
1,600
y = 5E-07x² + 0.0003x - 0.093
R² = 0.999
300Φ
y = 4E-07x² - 7E-05x + 0.0574
R² = 0.9983
300x300
200Φ
y = 1E-06x² + 0.0004x - 0.1032
R² = 0.9995
250Φ
y = 4E-06x² + 0.0008x - 0.1248
R² = 0.9998
y = 9E-08x² + 0.0001x - 0.034
R² = 0.9956
350x350
y = 3E-07x² - 7E-05x + 0.0602
R² = 0.999
350Φ


必要静圧[Pa/m]
動圧[Pa/m]
0
2
4
6
8
10
12
0.00
20.00
40.00
60.00
80.00
100.00
120.00
y = 0.1012x + 0.2334
R² = 0.9999
200Φ
y = 0.0489x + 0.0171
R² = 0.998
350x350
y = 0.0559x + 0.0239
R² = 0.9998
350Φ
y = 0.058x + 0.0257
R² = 0.9996
300x300
250Φ
y = 0.0791x + 0.0951
R² = 0.9999
300Φ
y = 0.0652x + 0.0488
R² = 0.9998