

### Technical parameters

Corrugated pipe made of galvanized sheet metal.

- for mechanical ventilation and air conditioning ducts
- for smoke and dust extraction
- highly mechanically resistant
- natural zinc colour

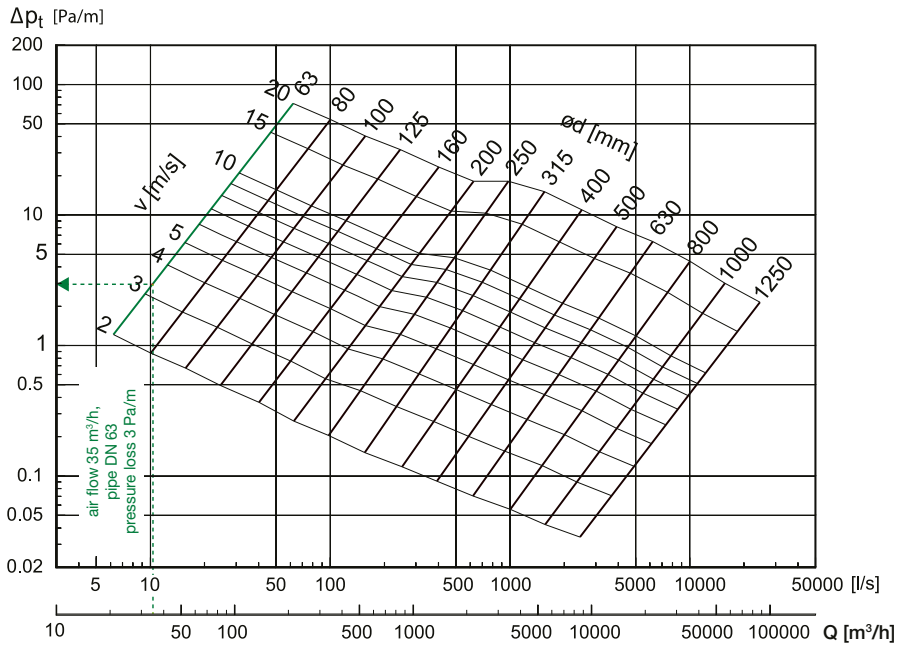
#### Warning:

The ducts are manufactured by local manufacturers, therefore slight variations in specification are possible.

ø mm	max. overpressure [Pa]	max. vacuum [Pa]
80–280	6300	2500
300–560	5000	1400
600–900	4000	800
1000–1600	3150	400

d [mm]	circuit [m]	area [m <sup>2</sup> ]	t [mm]	l [mm]	m <sub>1</sub> [kg/m]
80	0.251	0.005	0.5	3000	1.01
100	0.314	0.008	0.45	3000	1.14
112	0.352	0.010	0.5	3000	1.42
125	0.393	0.012	0.45	3000	1.41
140	0.440	0.015	0.5	3000	1.76
150	0.471	0.018	0.5	3000	1.89
160	0.503	0.020	0.5	3000	2.02
180	0.565	0.025	0.5	3000	2.26
200	0.628	0.031	0.5	3000	2.56
224	0.704	0.039	0.6	3000	3.42
250 *	0.785	0.049	0.5	3000	3.18
280	0.880	0.062	0.6	3000	4.28
300 *	0.942	0.071	0.6	3000	4.58
315 *	0.990	0.078	0.6	3000	4.81
355 *	1.115	0.099	0.6	3000	5.41
400 *	1.257	0.126	0.6	3000	6.56
450 *	1.414	0.159	0.7	3000	9.83
500 *	1.571	0.196	0.7	3000	9.54
560 *	1.759	0.246	0.8	3000	12.2
600 *	1.885	0.283	0.7	3000	13.1
630 *	1.979	0.312	0.7	3000	12.0
710 *	2.231	0.396	0.8	3000	15.5
800 *	2.513	0.503	0.8	3000	17.4
900 *	2.827	0.636	0.9	3000	21.7
1000 *	3.142	0.785	0.9	3000	24.1
1120 *	3.519	0.985	0.9	3000	27.0
1250 *	3.927	1.227	0.9	3000	30.2
1400 *	4.398	1.539	1.25	2400	38.4
1500 *	4.712	1.767	1.25	2400	41.1
1600 *	5.027	2.011	1.25	2400	43.8

# Spiro pipe



SPIRO pipeline pressure drop