



In HVAC system, the spiral duct is widely used. To select the propose spiral ducts in different conditions must consider the duct size, and the pressure that the ducts can bear. This table could be a reference for spiral duct selecting.

## Max Air Pressure Through Spiral Duct

DIA.\T	0.4	0.5	0.6	0.8	1.0	1.2	1.5	1.6	1.8	2.0	2.2	2.5
mm	Kpa											
80	1677	2099										
90	1500	1863										
100	1344	1677	2010									
112	1206	1500	1804									
125	1079	1344	1618	2148								
140	961	1206	1442	1922	2393							
150	902	1128	1344	1795	2236							
160	843	1059	1265	1677	2099	2609						
180	755	941	1128	1344	1795	2236						
200	677	843	1010	1344	1677	2099	2511					
224	608	755	902	1206	1500	1837	2246					
250	539	677	814	1079	1344	1677	2010	2216				
280	481	608	726	961	1206	1500	1804	1981				
300	451	569	677	902	1128	1402	1677	1844				
315		539	647	863	1069	1334	1599	1765	1971			
355		481	569	765	951	1187	1422	1569	1755			
400		422	510	677	941	1059	1265	1393	1559	1677		
450			451	598	755	941	1128	1236	1383	1500		
500			402	539	677	843	1010	1118	1245	1344	1510	
560			363	481	608	755	902	991	1118	1206	1353	
600			343	451	569	706	843	932	1040	1128	1265	1402
630			324	432	539	667	804	883	991	1069	1206	1334
710			226	382	481	598	716	785	883	951	1069	1187
800				343	422	530	637	696	785	843	951	1059
900				304	373	471	569	618	696	755	843	941
1000				275	343	422	510	559	628	677	765	843
1120				245	304	382	451	500	559	608	677	755
1250				216	275	343	402	451	500	539	608	677
1400						304	363	402	451	500	539	608
1500						284	343	373	422	451	510	569
1600							314	353	392	422	481	530
1800							284	314	355	373	422	471
2000							255	284	314	343	382	422