

# [Naturalheating.co.uk](http://Naturalheating.co.uk)

Please note. Flue pipes are measured by OVERALL LENGTHS.

Therefore a 500mm vitreous pipe would give 450mm fitted.

Always work on fitted length therefore being 50mm less than overall length of pipe.

## **OFFSET & HEIGHT OF STRAIGHT LENGTHS**

LENGTH	15° ANGLE		30° ANGLE		45° ANGLE	
	OFFSET	HEIGHT	OFFSET	HEIGHT	OFFSET	HEIGHT
100	26	97	50	87	71	71
150	39	145	75	130	106	106
200	52	193	100	173	141	141
250	65	241	125	217	177	177
300	78	290	150	260	212	212
350	91	338	175	303	247	247
400	104	386	200	346	283	283
450	116	435	225	390	318	318
500	129	483	250	433	354	354
550	142	531	275	476	389	389
600	155	580	300	520	424	424
650	168	628	325	563	460	460
700	181	676	350	606	495	495
750	194	724	375	650	530	530
800	207	773	400	693	566	566
850	220	821	425	736	601	601
900	233	869	450	779	636	636
950	246	918	475	823	672	672
1000	259	966	500	866	707	707
1150	298	1111	575	996	813	813
1200	311	1159	600	1039	849	849
1250	324	1207	625	1083	884	884
1300	336	1256	650	1126	919	919
1350	349	1304	675	1169	955	955
1400	362	1352	700	1212	990	990
1450	375	1401	725	1256	1025	1025
1500	388	1449	750	1299	1061	1061
1550	401	1497	775	1342	1096	1096
1600	414	1545	800	1386	1131	1131
1650	427	1594	825	1429	1167	1167
1700	440	1642	850	1472	1202	1202
1750	453	1690	875	1516	1237	1237
1800	466	1739	900	1559	1273	1273
1850	479	1787	925	1602	1308	1308
1900	492	1835	950	1645	1343	1343
1950	505	1884	975	1689	1379	1379
2000	518	1932	1000	1732	1414	1414