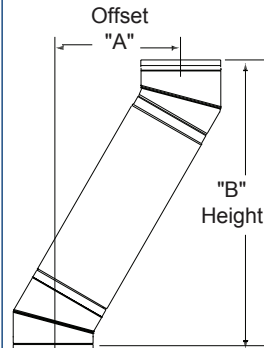


When the chimney path cannot be perfectly straight, the need to install a chimney offset must be used when it becomes necessary to offset the chimney in order to clear a joist or an obstacle. The 3 charts will assist you in selecting the proper combination of elbow angle and chimney length(s) to provide the necessary degree of offset within an available height.

1. Select the column with the proper chimney diameter of your system.
2. Determine the distance of the offset required by dropping a plumb line for an accurate measurement. The offset is measured at the chimney centre line as per the "A" Offset measurement in the diagram below.



3. On the chart, find the predetermined distance (under the "A" column) required for the 15° elbow. For greater offset, use the 30° offset chart and if permissible, the 45° chart.
4. After finding the offset, look at the "B" (Height) measurement in the diagram below and under column "B" in the chart to find the specified height. The appropriate "Chimney Lengths" required in between elbows is located in the left hand side column on the chart.

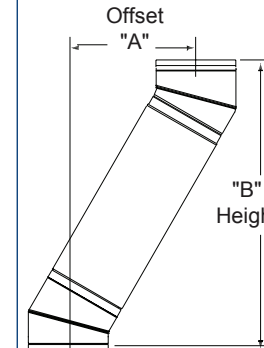
15° OFFSET CHART								
Chimney Lengths	125mm Diameter		150mm Diameter		175mm Diameter		200mm Diameter	
	A	B	A	B	A	B	A	B
none	25	210	25	232	25	225	25	219
6"	57	327	57	348	57	342	57	335
12"	95	474	95	496	95	489	95	483
18"	136	621	136	643	136	636	136	630
24"	175	769	175	790	175	784	175	777
12" & 18"	206	885	206	907	206	900	206	894
36"	254	1063	254	1085	254	1078	254	1071
12" & 36"	325	1327	325	1348	325	1342	325	1335
18" & 36"	364	1474	364	1495	364	1489	364	1482
12" & 18" & 36"	435	1738	435	1759	435	1753	435	1746
48"	333	1357	333	1379	333	1372	333	1366

30° OFFSET CHART								
Chimney Lengths	125mm Diameter		150mm Diameter		175mm Diameter		200mm Diameter	
	A	B	A	B	A	B	A	B
none	90	340	90	394	105	407	105	407
6"	150	444	150	499	164	511	164	524
12"	228	576	228	630	241	643	241	656
18"	303	708	303	762	317	775	317	788
24"	379	840	379	894	395	907	395	920
12" & 18"	517	953	517	1131	530	1144	530	1156
36"	532	1104	532	1158	545	1171	545	1184
12" & 36"	669	1341	669	1395	681	1407	681	1420
18" & 36"	745	1472	745	1527	758	1539	758	1552
12" & 18" & 36"	821	1605	821	1659	835	1672	835	1684
48"	680	1363	680	1417	695	1430	695	1430

45° OFFSET CHART								
Chimney Lengths	125mm Diameter		150mm Diameter		175mm Diameter		200mm Diameter	
	A	B	A	B	A	B	A	B
none	120	304	120	305	140	356	140	384
6"	205	389	205	390	225	441	225	469
12"	313	497	313	498	333	549	333	577
18"	421	605	421	606	441	657	441	685
24"	529	713	529	713	548	765	548	793
12" & 18"	722	906	722	906	742	958	742	986
36"	744	928	744	929	764	980	764	1008
12" & 36"	937	1121	937	1122	958	1173	958	1201
18" & 36"	1045	1229	1045	1230	1065	1281	1065	1309
12" & 18" & 36"	1153	1337	1153	1337	1173	1388	1173	1417
48"	955	1144	955	1144	980	1196	980	1224

When the chimney path cannot be perfectly straight, the need to install a chimney offset must be used when it becomes necessary to offset the chimney in order to clear a joist or an obstacle. The 3 charts will assist you in selecting the proper combination of elbow angle and chimney length(s) to provide the necessary degree of offset within an available height.

1. Select the column with the proper chimney diameter of your system.
2. Determine the distance of the offset required by dropping a plumb line for an accurate measurement. The offset is measured at the chimney centre line as per the "A" Offset measurement in the diagram below.



3. On the chart, find the predetermined distance (under the "A" column) required for the 15° elbow. For greater offset, use the 30° offset chart and if permissible, the 45° chart.
4. After finding the offset, look at the "B" (Height) measurement in the diagram below and under column "B" in the chart to find the specified height. The appropriate "Chimney Lengths" required in between elbows is located in the left hand side column on the chart.

15° OFFSET CHART								
Chimney Lengths	125mm Diameter		150mm Diameter		175mm Diameter		200mm Diameter	
	A	B	A	B	A	B	A	B
none	25	210	25	232	25	225	25	219
6"	57	327	57	348	57	342	57	335
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48"	955	1144	955	1144	980	1196	980	1224