



SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT
HVAC ESTIMATE					
26 Ga, Sheet Metal Duct					
1	6" Dia Supply Air Duct	46	10%	50	LFT
2	6" Dia Supply Air Accoustical Liner Duct	10	10%	11	LFT
3	8" Dia Supply Air Duct	41	10%	45	LFT
4	10" Dia Supply Air Duct	92	10%	101	LFT
5	12" Dia Supply Air Duct	62	10%	68	LFT
6	12" Dia Supply Air Accoustical Liner Duct	87	10%	96	LFT
7	14" Dia Supply Air Duct	67	10%	74	LFT
8	14" Dia Supply Air Accoustical Liner Duct	32	10%	35	LFT
9	14"x20" Supply Air Duct	12	10%	13	LFT
10	16" Dia Supply Air Accoustical Liner Duct	88	10%	97	LFT
11	16"x14" Supply Air Duct	41	10%	45	LFT
12	16"x16" Supply Air Accoustical Liner Duct	13	10%	14	LFT
13	18" Dia Supply Air Accoustical Liner Duct	5	10%	6	LFT
14	18"x14" Supply Air Duct	19	10%	21	LFT
15	20" Dia Supply Air Duct	6	10%	6	LFT
16	22" Dia Supply Air Accoustical Liner Duct	21	10%	23	LFT
17	24"x16" Supply Air Duct	5	10%	5	LFT
18	24"x16" Supply Air Accoustical Liner Duct	44	10%	49	LFT
19	34"x16" Supply Air Duct (Assumed According To Dimensions)	17	10%	18	LFT
20	8"x6" Return Air Duct	4	10%	4	LFT
21	12"x10" Return Air Duct	13	10%	15	LFT
22	12"x8" Return Air Duct	8	10%	9	LFT
23	14"x12" Return Air Duct	19	10%	21	LFT
24	14"x24" Return Air Duct	11	10%	12	LFT
25	16"x10" Return Air Duct	18	10%	19	LFT
26	16"x14" Return Air Duct	19	10%	20	LFT
27	16"x16" Return Air Duct	43	10%	48	LFT
28	18"x12" Return Air Duct	26	10%	28	LFT
29	20"x14" Return Air Duct	39	10%	43	LFT
30	28"x16" Return Air Duct	30	10%	33	LFT
31	32"x16" Return Air Duct (Assumed According To Dimensions)	25	10%	27	LFT
32	8" Dia Exhaust Air Duct	7	10%	8	LFT
33	12"x10" Exhaust Air Duct	5	10%	5	LFT
34	12"x12" Exhaust Air Duct	18	10%	20	LFT
35	14"x14" Exhaust Air Duct	30	10%	33	LFT
FLEXIBLE DUCT					
Flemaster Type 1M U Class 1 Air Duct					
1	6" Dia Flexible Duct	9	10%	10	LFT
2	8" Dia Flexible Duct	12	10%	13	LFT
3	10" Dia Flexible Duct	32	10%	35	LFT
DUCT FITTING					
ELBOW					
1	12" Dia Supply Air Duct 45 Elbow	4	0%	4	EA

2	16"x16" Supply Air Duct 45 Degree elbow	2	0%	2	EA
3	6" Dia Supply Air Duct 90 Degree Elbow	4	0%	4	EA
4	8" Dia Supply Air Duct 90 Elbow	3	0%	3	EA
5	10" Dia Supply Air Duct 90 Elbow	9	0%	9	EA
6	14" Dia Supply Air Duct 90 Degree Elbow	3	0%	3	EA
7	14"x20" Supply Air Duct 90 Elbow	1	0%	1	EA
8	16" Dia Supply Air Duct 90 Degree Elbow	2	0%	2	EA
9	16"x14" Supply Air Duct 90 Elbow	3	0%	3	EA
10	18" Dia Supply Air Duct 90 Elbow	1	0%	1	EA
11	18"x14" Supply Air Duct 90 Elbow	1	0%	1	EA
12	22" Dia Supply Air Duct 90 Degree Elbow	1	0%	1	EA
13	14"x12" Return Air Duct 45 Elbow	2	0%	2	EA
14	16"x10" Return Air Duct 45 Elbow	2	0%	2	EA
15	14"x24" Return Air Duct 90 Elbow	1	0%	1	EA
16	16"x10" Return Air Duct 90 Elbow	1	0%	1	EA
17	16"x16" Return Air Duct 90 Elbow	2	0%	2	EA
18	18"x12" Return Air Duct 90 Elbow	1	0%	1	EA
19	20"x14" Return Air Duct 90 Elbow	1	0%	1	EA
20	28"x16" Return Air Duct 90 Elbow	2	0%	2	EA
21	32"x16" Return Air Duct 90 Elbow	1	0%	1	EA
22	14"x14" Exhaust Air Duct 90 Elbow	3	0%	3	EA
23	12"x12" Exhaust Air Duct 90 Elbow	1	0%	1	EA
TAKE-OFF					
1	8"x6" Dia Supply Air Duct Takeoff	2	0%	2	EA
2	10"x6" Dia Supply Air Duct Takeoff	1	0%	1	EA
3	10"x8" Dia Supply Air Duct Takeoff	1	0%	1	EA
4	12" Dia / 16"x6" Supply Air Duct Takeoff	8	0%	8	EA
5	12" Dia / 20"x6" Supply Air Duct Takeoff	2	0%	2	EA
6	12"x10" Dia Supply Air Duct Takeoff	5	0%	5	EA
7	12"x8" Dia Supply Air Duct Takeoff	2	0%	2	EA
8	14"x10" Dia Supply Air Duct Takeoff	4	0%	4	EA
9	14"x12" Dia Supply Air Duct Takeoff	1	0%	1	EA
10	14"x6" Dia Supply Air Duct Takeoff	1	0%	1	EA
11	14"x8" Dia Supply Air Duct Takeoff	4	0%	4	EA
12	16" Dia / 16"x6" Supply Air Duct Takeoff	8	0%	8	EA
13	16" Dia / 20"x6" Supply Air Duct Takeoff	2	0%	2	EA
14	16"x14" / 8" Dia Supply Air Duct Takeoff	2	0%	2	EA
15	16"x16" / 14" Dia Supply Air Duct Takeoff	2	0%	2	EA
16	18" Dia / 20"x6" Supply Air Duct Takeoff	2	0%	2	EA
17	18"x14" / 14" Dia Supply Air Duct Takeoff	1	0%	1	EA
18	18"x14" / 6" Dia Supply Air Duct Takeoff	1	0%	1	EA
19	18"x14" / 8" Dia Supply Air Duct Takeoff	1	0%	1	EA
20	20"x18" Dia Supply Air Duct Takeoff	1	0%	1	EA
21	22"x16" Dia Supply Air Duct Takeoff	2	0%	2	EA
22	24"x16" / 16"x14" Supply Air Duct Takeoff	2	0%	2	EA
23	24"x16" / 22" Dia Supply Air Duct Takeoff	2	0%	2	EA
24	34"x16" / 14"x20" Supply Air Duct Takeoff	1	0%	1	EA
25	34"x16" / 20" Dia Supply Air Duct Takeoff	1	0%	1	EA
26	34"x16" / 24"x16" Supply Air Duct Takeoff	3	0%	3	EA
27	8"x6" / 6" Dia Return Air Duct Takeoff	2	0%	2	EA
28	12"x10" / 10" Dia Return Air Duct Takeoff	1	0%	1	EA
29	12"x8" / 8" Dia Return Air Duct Takeoff	1	0%	1	EA
30	14"x12" / 12" Dia Return Air Duct Takeoff	3	0%	3	EA

31	16"x10" / 10" Dia Return Air Duct Takeoff	1	0%	1	EA
32	16"x10" / 12"x10" Return Air Duct Takeoff	1	0%	1	EA
33	16"x10" / 12"x8" Return Air Duct Takeoff	1	0%	1	EA
34	16"x16" / 14" Dia Return Air Duct Takeoff	2	0%	2	EA
35	16"x16" / 16" Dia Return Air Duct Takeoff	2	0%	2	EA
36	18"x12" / 12"x10" Return Air Duct Takeoff	2	0%	2	EA
37	20"x14" / 14" Dia Return Air Duct Takeoff	2	0%	2	EA
38	20"x14" / 14"x12" Return Air Duct Takeoff	1	0%	1	EA
39	32"x16" / 20"x14" Return Air Duct Takeoff	2	0%	2	EA
40	12"x12" / 12" Dia Exhaust Air Duct Takeoff	1	0%	1	EA
41	14"x14" / 12"x10" Exhaust Air Duct Takeoff	1	0%	1	EA
42	12"x10" / 10" Dia Exhaust Air Duct Takeoff	1	0%	1	EA
REDUCER					
1	10"x6" Dia Supply Air Duct Reducer	2	0%	2	EA
2	10"x8" Dia Supply Air Duct Reducer	3	0%	3	EA
3	12"x10" Dia Supply Air Duct Reducer	1	0%	1	EA
4	12"x8" Dia Supply Air Duct Reducer	1	0%	1	EA
5	14"x10" Dia Supply Air Duct Reducer	1	0%	1	EA
6	14"x12" Dia Supply Air Duct Reducer	3	0%	3	EA
7	14"x8" Dia Supply Air Duct Reducer	2	0%	2	EA
8	16"x12" Dia Supply Air Duct Reducer	5	0%	5	EA
9	16"x14" / 12" Dia Supply Air Duct Reducer	1	0%	1	EA
10	16"x14" / 14"x20" Supply Air Duct Reducer	1	0%	1	EA
11	16"x14" / 8" Dia Supply Air Duct Reducer	1	0%	1	EA
12	16"x16" / 14"x20" Supply Air Duct Reducer	1	0%	1	EA
13	18"x14" / 16"x14" Supply Air Duct Reducer	1	0%	1	EA
14	20"x14" Dia Supply Air Duct Reducer	1	0%	1	EA
15	22"x16" Dia Supply Air Duct Reducer	2	0%	2	EA
16	16"x14" / 14"x12" Return Air Duct Reducer	1	0%	1	EA
17	16"x16" / 14"x24" Return Air Duct Reducer	1	0%	1	EA
18	16"x16" / 16"x14" Return Air Duct Reducer	1	0%	1	EA
19	20"x14" / 14"x24" Return Air Duct Reducer	1	0%	1	EA
20	20"x14" / 16"x10" Return Air Duct Reducer	2	0%	2	EA
21	20"x14" / 18"x12" Return Air Duct Reducer	1	0%	1	EA
22	32"x16" / 14"x24" Return Air Duct Reducer	1	0%	1	EA
23	32"x16" / 28"x16" Return Air Duct Reducer	2	0%	2	EA
24	14"x14" / 12"x12" Exhaust Air Duct Reducer	1	0%	1	EA