

23 33 Air Duct Accessories

23 33 46 – Flexible Ducts

23 33 46.10 Flexible Air Ducts			Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
1940	6" diameter	G	Q-9	260	.062	L.F.	3.81	3.74		7.55	9.85
1960	7" diameter	G	Q-9	220	.073	L.F.	4.41	4.42		8.83	11.50
1980	8" diameter	G		180	.089		4.48	5.40		9.88	13.10
2020	10" diameter	G		140	.114		5.40	6.95		12.35	16.40
2040	12" diameter	G		100	.160		6.30	9.75		16.05	21.50

23 33 53 – Duct Liners

23 33 53.10 Duct Liner Board

0010 DUCT LINER BOARD

3340	Board type fiberglass liner, FSK, 1-1/2 lb. density										
3344	1" thick	G	Q-14	150	.107	S.F.	1.08	6.05		7.13	10.45
3345	1-1/2" thick	G		130	.123		1.19	7		8.19	12
3346	2" thick	G		120	.133		1.37	7.55		8.92	13.10
3348	3" thick	G		110	.145		1.78	8.25		10.03	14.60
3350	4" thick	G		100	.160		2.17	9.10		11.27	16.30
3356	3 lb. density, 1" thick	G		150	.107		2.76	6.05		8.81	12.30
3358	1-1/2" thick	G		130	.123		3.49	7		10.49	14.55
3360	2" thick	G		120	.133		4.10	7.55		11.65	16.10
3362	2-1/2" thick	G		110	.145		2.49	8.25		10.74	15.40
3364	3" thick	G		100	.160		2.85	9.10		11.95	17.05
3366	4" thick	G		90	.178		3.57	10.10		13.67	19.40
3370	6 lb. density, 1" thick	G		140	.114		1.94	6.50		8.44	12.05
3374	1-1/2" thick	G		120	.133		2.58	7.55		10.13	14.45
3378	2" thick	G		100	.160		3.26	9.10		12.36	17.50
3490	Board type, fiberglass liner, 3 lb. density										
3680	No finish										
3700	1" thick	G	Q-14	170	.094	S.F.	.77	5.35		6.12	9
3710	1-1/2" thick	G		140	.114		1.15	6.50		7.65	11.15
3720	2" thick	G		130	.123		1.51	7		8.51	12.35
3940	Board type, non-fibrous foam										
3950	Temperature, bacteria and fungi resistant										
3960	1" thick	G	Q-14	150	.107	S.F.	3.05	6.05		9.10	12.60
3970	1-1/2" thick	G		130	.123		5.30	7		12.30	16.55
3980	2" thick	G		120	.133		4.25	7.55		11.80	16.30

23 34 HVAC Fans

23 34 13 – Axial HVAC Fans

23 34 13.10 Axial Flow HVAC Fans

0010 AXIAL FLOW HVAC FANS

0020	Air conditioning and process air handling										
1500	Vaneaxial, low pressure, 2,000 CFM, 1/2 HP		Q-20	3.60	5.556	Eq.	2,450	345		2,795	3,225
1520	4,000 CFM, 1 HP			3.20	6.250		2,550	385		2,935	3,400
1540	8,000 CFM, 2 HP			2.80	7.143		3,450	440		3,890	4,475

23 34 14 – Blower HVAC Fans

23 34 14.10 Blower Type HVAC Fans

0010 BLOWER TYPE HVAC FANS

2500	Ceiling fan, right angle, extra quiet, 0.10" S.P.										
2520	95 CFM		Q-20	20	1	Eq.	283	62		345	405
2540	210 CFM			19	1.053		335	65		400	470
2560	385 CFM			18	1.111		425	69		494	570
2580	885 CFM			16	1.250		835	77.50		912.50	1,025