

23 34 HVAC Fans

23 34 23 – HVAC Power Ventilators

23 34 23.10 HVAC Power Circulators and Ventilators		Daily Crew	Output	Labor-Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
6980	Transition									
6982	3-1/4" x 10" to 6" diam. round	1 Shee	20	400	Ea.	25	27		52	68

23 34 33 – Air Curtains

23 34 33.10 Air Barrier Curtains

0010	AIR BARRIER CURTAINS, Incl. motor starters, transformers,									
0050	and door switches									
2450	Conveyor openings or service windows									
3000	Service window, 5' high x 25" wide	2 Shee	5	3.200	Ea.	360	216		576	720
3100	Environmental separation									
3110	Door heights up to 8', low profile, super quiet									
3120	Unheated, variable speed									
3130	36" wide	2 Shee	4	4	Ea.	780	270		1,050	1,250
3134	42" wide		3.80	4.211		810	284		1,094	1,325
3138	48" wide		3.60	4.444		830	300		1,130	1,375
3142	60" wide		3.40	4.706		860	320		1,180	1,425
3146	72" wide	Q-3	4.60	6.957		1,025	460		1,485	1,825
3150	96" wide		4.40	7.273		1,475	485		1,960	2,350
3154	120" wide		4.20	7.619		1,575	505		2,080	2,475
3158	144" wide		4	8		1,950	530		2,480	2,925
3200	Door heights up to 10'									
3210	Unheated									
3230	36" wide	2 Shee	3.80	4.211	Ea.	880	284		1,164	1,400
3234	42" wide		3.60	4.444		905	300		1,205	1,450
3238	48" wide		3.40	4.706		985	320		1,305	1,550
3242	60" wide		3.20	5		1,175	340		1,515	1,800
3246	72" wide	Q-3	4.40	7.273		1,550	485		2,035	2,450
3250	96" wide		4.20	7.619		1,925	505		2,430	2,850
3254	120" wide		4	8		2,350	530		2,880	3,375
3258	144" wide		3.80	8.421		3,025	560		3,585	4,150
3300	Door heights up to 12'									
3310	Unheated									
3334	42" wide	2 Shee	3.40	4.706	Ea.	1,200	320		1,520	1,800
3338	48" wide		3.20	5		1,250	340		1,590	1,900
3342	60" wide		3	5.333		1,225	360		1,585	1,900
3346	72" wide	Q-3	4.20	7.619		2,275	505		2,780	3,250
3350	96" wide		4	8		2,325	530		2,855	3,350
3354	120" wide		3.80	8.421		2,675	560		3,235	3,775
3358	144" wide		3.60	8.889		3,075	590		3,665	4,250
3400	Door heights up to 16'									
3410	Unheated									
3438	48" wide	2 Shee	3	5.333	Ea.	1,500	360		1,860	2,200
3442	60" wide	"	2.80	5.714		1,575	385		1,960	2,300
3446	72" wide	Q-3	3.80	8.421		2,875	560		3,435	4,000
3450	96" wide		3.60	8.889		2,725	590		3,315	3,875
3454	120" wide		3.40	9.412		3,775	625		4,400	5,100
3458	144" wide		3.20	10		3,850	665		4,515	5,225
3470	Heated, electric									
3474	48" wide	2 Shee	2.90	5.517	Ea.	2,625	375		3,000	3,425
3478	60" wide	"	2.70	5.926		2,675	400		3,075	3,550
3482	72" wide	Q-3	3.70	8.649		4,450	575		5,025	5,725
3486	96" wide		3.50	9.143		4,450	605		5,055	5,775
3490	120" wide		3.30	9.697		5,050	645		5,695	6,500