



ITEM #	PAGE REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST
HVAC											\$ 667,562
Ducts											
1	M0001 - M0005	4" dia Duct	2,196	5%	2,306	lf	\$ 7.8	\$ 7,157.2	\$ 10,735.8	\$ 17,893	
2	M0001 - M0005	6" dia Duct	479	5%	503	lf	\$ 11.6	\$ 2,341.7	\$ 3,512.6	\$ 5,854	
3	M0001 - M0005	6"X4" Duct	1,836	5%	1,928	lf	\$ 9.7	\$ 7,479.9	\$ 11,219.8	\$ 18,700	
4	M0001 - M0005	6"X6" Duct	78	5%	82	lf	\$ 11.6	\$ 381.3	\$ 572.0	\$ 953	
5	M0001 - M0005	7" dia Duct	941	5%	988	lf	\$ 13.6	\$ 5,367.1	\$ 8,050.6	\$ 13,418	
6	M0001 - M0005	8" dia Duct	31	5%	33	lf	\$ 15.5	\$ 202.1	\$ 303.1	\$ 505	
7	M0001 - M0005	8"X8" Duct	345	5%	362	lf	\$ 15.5	\$ 2,248.8	\$ 3,373.3	\$ 5,622	
8	M0001 - M0005	10"X8" Duct	841	5%	883	lf	\$ 17.5	\$ 6,167.2	\$ 9,250.8	\$ 15,418	
9	M0001 - M0005	10"X10" Duct	15	5%	16	lf	\$ 19.4	\$ 122.2	\$ 183.3	\$ 306	
10	M0001 - M0005	12"X8" Duct	371	5%	390	lf	\$ 21.3	\$ 3,325.2	\$ 4,987.8	\$ 8,313	
11	M0001 - M0005	12"X10" Duct	36	5%	38	lf	\$ 23.3	\$ 352.0	\$ 528.0	\$ 880	
12	M0001 - M0005	14"X8" Duct	33	5%	35	lf	\$ 27.2	\$ 376.4	\$ 564.7	\$ 941	
13	M0001 - M0005	20"X10" Duct	5	5%	5	lf	\$ 38.8	\$ 81.5	\$ 122.2	\$ 204	
14	M0001 - M0005	24"X26" Duct	6	5%	6	lf	\$ 46.6	\$ 117.3	\$ 176.0	\$ 293	
15	M0001 - M0005	26"X24" Duct	13	5%	14	lf	\$ 50.4	\$ 275.4	\$ 413.1	\$ 689	
16	M0001 - M0005	28"X10" Duct	11	5%	12	lf	\$ 54.3	\$ 251.0	\$ 376.4	\$ 627	
17	M0001 - M0005	40"X26" Duct	16	5%	17	lf	\$ 77.6	\$ 521.5	\$ 782.2	\$ 1,304	
Piping											
18	M0001 - M0005	3/4" Condensate pipe	800	5%	840	lf	\$ 17.5	\$ 5,866.6	\$ 8,799.8	\$ 14,666	
19	M0001 - M0005	Refrigerant pipe	210	5%	221	lf	\$ 21.3	\$ 1,882.2	\$ 2,823.3	\$ 4,705	
Supply devices											
20	M0001 - M0005	Ceiling supply register, 25CFM	51	0%	51	ea	\$ 48.5	\$ 989.4	\$ 1,484.1	\$ 2,474	
21	M0001 - M0005	Ceiling supply register, 75CFM	4	0%	4	ea	\$ 145.5	\$ 232.8	\$ 349.2	\$ 582	
22	M0001 - M0005	Ceiling supply register, 100CFM	12	0%	12	ea	\$ 194.0	\$ 931.2	\$ 1,396.8	\$ 2,328	
23	M0001 - M0005	Ceiling supply register, 125CFM	106	0%	106	ea	\$ 242.5	\$ 10,282.0	\$ 15,423.0	\$ 25,705	
24	M0001 - M0005	Ceiling supply register, 150CFM	7	0%	7	ea	\$ 291.0	\$ 814.8	\$ 1,222.2	\$ 2,037	
25	M0001 - M0005	Ceiling supply register, 175CFM	11	0%	11	ea	\$ 339.5	\$ 1,493.8	\$ 2,240.7	\$ 3,735	
26	M0001 - M0005	Ceiling supply register, 200CFM	15	0%	15	ea	\$ 388.0	\$ 2,328.0	\$ 3,492.0	\$ 5,820	
Return devices											

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27	M0001 - M0005	12X12 Air transfer grille	39	0%	39	ea	\$ 291.0	\$ 4,539.6	\$ 6,809.4	\$ 11,349	
28	M0001 - M0005	30X8 Air transfer grille	1	0%	1	ea	\$ 339.5	\$ 135.8	\$ 203.7	\$ 340	
29	M0001 - M0005	Return grille, 1800CFM	1	0%	1	ea	\$ 873.0	\$ 349.2	\$ 523.8	\$ 873	
30	M0001 - M0005	Transfer register, 60CFM	4	0%	4	ea	\$ 194.0	\$ 310.4	\$ 465.6	\$ 776	
31	M0001 - M0005	Transfer register, 75CFM	1	0%	1	ea	\$ 291.0	\$ 116.4	\$ 174.6	\$ 291	
32	M0001 - M0005	Transfer register, 285CFM	1	0%	1	ea	\$ 679.0	\$ 271.6	\$ 407.4	\$ 679	
33	M0001 - M0005	Transfer register, 600CFM	2	0%	2	ea	\$ 1,746.0	\$ 1,396.8	\$ 2,095.2	\$ 3,492	
		Exhaust devices									
34	M0001 - M0005	Exhaust grille, 100 CFM	1	0%	1	ea	\$ 436.5	\$ 174.6	\$ 261.9	\$ 437	
		Louver									
35	M0001 - M0005	40X12 Exhaust louver	1	0%	1	ea	\$ 824.5	\$ 329.8	\$ 494.7	\$ 825	
36	M0001 - M0005	12X12 Exhaust louver	1	0%	1	ea	\$ 291.0	\$ 116.4	\$ 174.6	\$ 291	
37	M0001 - M0005	Louver, 30CFM	92	0%	92	ea	\$ 218.3	\$ 8,031.6	\$ 12,047.4	\$ 20,079	
38	M0001 - M0005	Louver, 200CFM	1	0%	1	ea	\$ 436.5	\$ 174.6	\$ 261.9	\$ 437	
39	M0001 - M0005	Return air door louver	38	0%	38	ea	\$ 291.0	\$ 4,423.2	\$ 6,634.8	\$ 11,058	
		Exhaust fan									
40	M0001 - M0005	Exhaust fan, 80CFM	59	0%	59	ea	\$ 339.5	\$ 8,012.2	\$ 12,018.3	\$ 20,031	
41	M0001 - M0005	Exhaust fan, 670CFM	1	0%	1	ea	\$ 1,406.5	\$ 562.6	\$ 843.9	\$ 1,407	
42	M0001 - M0005	Exhaust fan, 2600CFM	1	0%	1	ea	\$ 2,716.0	\$ 1,086.4	\$ 1,629.6	\$ 2,716	
43	M0001 - M0005	Exhaust fan, 170CFM	1	0%	1	ea	\$ 533.5	\$ 213.4	\$ 320.1	\$ 534	
		Units									
44	M0001 - M0005	Air handling unit, 400CFM	43	0%	43	ea	\$ 1,746.0	\$ 30,031.2	\$ 45,046.8	\$ 75,078	
45	M0001 - M0005	Back draft damper	72	0%	72	ea	\$ 339.5	\$ 9,777.6	\$ 14,666.4	\$ 24,444	
46	M0001 - M0005	Carbon monoxide detector	35	0%	35	ea	\$ 291.0	\$ 4,074.0	\$ 6,111.0	\$ 10,185	
47	M0001 - M0005	Condensate unit	38	0%	38	ea	\$ 3,686.0	\$ 56,027.2	\$ 84,040.8	\$ 140,068	
48	M0001 - M0005	Electric unit heater, (EWH-1)	13	0%	13	ea	\$ 2,716.0	\$ 14,123.2	\$ 21,184.8	\$ 35,308	
49	M0001 - M0005	Fire damper	2	0%	2	ea	\$ 242.5	\$ 194.0	\$ 291.0	\$ 485	
50	M0001 - M0005	Fire smoke detector	8	0%	8	ea	\$ 266.8	\$ 853.6	\$ 1,280.4	\$ 2,134	
51	M0001 - M0005	Prime trap	80	0%	80	ea	\$ 121.3	\$ 3,880.0	\$ 5,820.0	\$ 9,700	
52	M0001 - M0005	Radiation damper	116	0%	116	ea	\$ 291.0	\$ 13,502.4	\$ 20,253.6	\$ 33,756	
53	M0001 - M0005	Rang hood	42	0%	42	ea	\$ 533.5	\$ 8,962.8	\$ 13,444.2	\$ 22,407	
54	M0001 - M0005	Roof top unit, 1600CFM	1	0%	1	ea	\$ 4,656.0	\$ 1,862.4	\$ 2,793.6	\$ 4,656	
55	M0001 - M0005	Thermostat	52	0%	52	ea	\$ 291.0	\$ 6,052.8	\$ 9,079.2	\$ 15,132	
56	M0001 - M0005	Variable refrigerant volume air cooled condensing	1	0%	1	ea	\$ 4,365.0	\$ 1,746.0	\$ 2,619.0	\$ 4,365	
57	M0001 - M0005	Variable refrigerant volume air cooled condensing	1	0%	1	ea	\$ 5,820.0	\$ 2,328.0	\$ 3,492.0	\$ 5,820	
58	M0001 - M0005	Variable refrigerant volume indoor unit, 1.0TON	11	0%	11	ea	\$ 2,716.0	\$ 11,950.4	\$ 17,925.6	\$ 29,876	
59	M0001 - M0005	Variable refrigerant volume indoor unit, 6.0TON	1	0%	1	ea	\$ 4,365.0	\$ 1,746.0	\$ 2,619.0	\$ 4,365	
60	M0001 - M0005	Wall cap	171	0%	171	ea	\$ 72.8	\$ 4,976.1	\$ 7,464.2	\$ 12,440	
61	M0001 - M0005	Window AC (elevator), 18000BTUH	1	0%	1	ea	\$ 7,760.0	\$ 3,104.0	\$ 4,656.0	\$ 7,760	
SUB TOTAL										\$ 667,562	\$ 667,562
OVERHEAD AND PROFIT							22%	\$ 146,864	\$ 146,864		
TOTAL BASE BID										\$ 814,426	\$ 814,426