

1. Tim - Load Calc with Heat Pump



	A	B	C	D	E	F	G	H	I	J	K	L
1												
2	TIM D'Entremont										Heat Pump	
3	ADDRESS:											
4											10000	60A
5											8000	40A
6	Square Footage:	3250									5000	30A
7		3										
8	Total:	9750										
9												
10		QTY	Multiple by	Total							750W per HP	
11	20 amp circuits (laundry & small appliances)	3	1,500	4500								
12												
13												
14		QTY	Watts	Total			Watts					
15	Dishwasher	1	1200	1200		A/C or heat pump 1						
16	Oven	1	5450	5450		A/C or heat pump 2						
17	Cooktop	0		0		A/C or heat pump 3						
18	Microwave	1	1500	1500		A/C or heat pump 4						
19	Fixed-in place appliances	0		0		Total:	0	100%				
20	Garbage Disposal	2		0								
21	Garage Door(s)	2	900	900		Supplemental Heat 1						
22	Pool Equipment	0		0		Supplemental Heat 2						
23	Spa/Hot tub	0		0		Supplemental Heat 3						
24	Car Charger	0		0		Supplemental Heat 4						
25	Dryer	1	5000	5000		Total:	0	65%				
26	Water heater	0		0								
27	Misc.	0	0	0		A/C and heat total:	0					
28												
29												
30	Sq. ft + 20 amp circuits + appliances:			28300								
31												
32	General calculated load shall be not less than 100% of the first 10 kVA PLUS 40% of the remainder											
33												
34	First 10kVA at 100%	10,000				Total Load Calc.						
35	Totals:	28300				(general cal + a/c and heat)	17,320					
36	Less 10,000	18,300				Divide by 240	240					
37	Remainder at 40%	40%				Total Calc. Ampacity	72.16666667					
38		7,320										
39	Add 10,000	10,000										
40												
41	General Cal. Load:	17,320										
42												
43												
44												
45												
46												
47												
48												
49												
50												
51												
52												
53												
54												
55												
56												
57												

