

Load Calculation (One-Family Dwelling)

Load Calculation for;						
General Lighting	(_____ Sq. Ft X 3 VA/Sq. Ft)					VA
Small Appliances	(1500 VA each-minimum 2)					VA
Laundry Circuit					1500	VA
Total						VA
First 3000 VA @ 100%					3000	VA
3001 - 120000 @ 35% (Total VA - 3000 X .35)						VA
Total General Load						VA
Water Heater	(4500 VA*)					VA
Dishwasher	(1500 VA*)					VA
Disposal	(960 VA*)					VA
Microwave	(1500 VA*)					VA
Other						VA
						VA
						VA
Total fastened in place appliance load or 75% of total if four or more. (220.53)						VA
(Items below not considered fastened in place appliances)						
Range (cooktop/oven)	(8000 VA*)					VA
Dryer	(5000 VA*)					VA
Air Conditioner #1	(2000 VA/ton*)					VA
Air Conditioner #2	(2000 VA/ton*)					VA
(Air conditioner approximately 400 sq. ft./ton)						
Other						VA
						VA
25% of largest motor load (430.24)						VA
4800 VA future load (New dwelling only)					4800	VA
Total Load						VA
Service Rating (Total VA divided by 240 volts)						AMPS
(*Common rating-can use actual nameplate rating of appliance if known)						