

OWNER:

ADDRESS:

OPTIONAL EQUIPMENT

Art. 220 - 3(b) SWIMMING POOL and/or SPA: >

Art. 430 - 24	Largest motor nameplate :	watts X 125% =	watts
	Remaining motor(s) nameplate(s) :	watts X 100% =	watts
	Lights and other misc. equipment :	watts X 100% =	watts
		POOL/SPA TOTAL =	watts

Art. 220 - 3(b) WELDERS, KILNS, ETC.

1.	Name or description of equipment :		
	@ rated nameplate :	watts X 100% =	watts
2.	Name or description of equipment :		
	@ rated nameplate :	watts X 100% =	watts
3.	Name or description of equipment :		
	@ rated nameplate :	watts X 100% =	watts
		MISCELLANEOUS EQUIPMENT TOTAL =	watts

TOTAL DEMAND ON SYSTEM

Art. 220 - 10	Sum of all totals :	LIGHTING LOAD TOTAL =	watts
		APPLIANCE TOTAL =	watts
		DRYER TOTAL =	watts
		WATER HEATER TOTAL =	watts
		COOKING TOTAL =	watts
		SPACE HEATING/AIR CONDITIONING TOTAL =	watts
		POOL/SPA TOTAL =	watts
		MISCELLANEOUS EQUIPMENT TOTAL =	watts
		TOTAL LOAD FOR DWELLING =	watts

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MAIN SERVICE SIZING

Art. 220 - 2 TOTAL LOAD _____ DIVIDED BY: _____ volts = Amps
 [NOTE: For 120/240 Volt systems use 240 volts; for 120/208 Volt systems use 208 volts]

Art. 220 - 10 MINIMUM SERVICE SIZE AMPS

Table 310 - 16 SERVICE ENTRANCE CONDUCTORS AWG, Cu, AWG, Al.

Table 250 - 94 GROUNDING ELECTRODE CONDUCTOR AWG Copper

OPTIONAL CALCULATION FOR DWELLING UNIT

Table 220 - 30 100% of the nameplate rating(s) of the air conditioning watts
 100% of the first 10 kVA of all other load watts
 40% of the remainder of all other load watts

TOTAL OPTIONAL LOAD watts

Art. 220 - 2 TOTAL OPTIONAL LOAD: _____ DIVIDED BY: _____ volts = Amps
 [NOTE: For 120/240 Volt systems use 240 volts; for 120/208 Volt systems use 208 volts]

Art. 220 - 10 MINIMUM SERVICE SIZE AMPS

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Table 250 - 94 GROUNDING ELECTRODE CONDUCTOR AWG Copper