



Load Calculation Form Standard Format

Single Family or Multi-family Electrical Permits

Item Description	100 % of Name Plate	Ref	Phase Demand	Ref	Neutral Demand
Square feet of swelling x 3VA		220.12		220.61	
Kitchen Appliance Branch Circuits		220.52		220.61	
Laundry Circuits		220.52		220.61	
Electronic Dryer		220.54		70%	
Electronic Ranges		220.55		70%	
Fixed Appliances		220.53		220.61	
Fixed Appliances		220.53		220.61	
Fixed Appliances		220.53		220.61	
Fixed Appliances		220.53		220.61	
Fixed Appliances		220.53		220.61	
Fixed Appliances		220.53		220.61	
Heat - or		220.51		220.61	
Air Conditioning		220.14 (A)		220.61	

Total VA = _____

VA = _____

Amps @ 240V = _____

Amps = _____

Service OCD = _____

GEC = _____

Table 250.66

Service Wire = _____

Neutral Wire = _____

Table 310-15 (B)(7)

Table 310.15 (B)(16)

List the loads as they are described; enter 100 percent of the nameplate values for each load.

Apply the diversity permitted in 220.42 for the lighting load (this includes the kitchen appliance branch circuits and the laundry load).

Apply the diversity permitted for electric dryers in 220.54 and Ranges in 220.55.

Apply the diversity permitted for Fixed Appliances in 220.53 and Ranges in 430.24 (note that neutrals must have four or more appliances to be taken at 75 percent).

Take the larger of Heating or AC load as permitted in 220.60.

Take the larger motor at 125 percent (may also be fixed appliance taken at 75 percent).