

Electrical Load Calculation for Apartment, Multiplex and similar building

Address:

Flease complete	the approp	riate table	cells and check boxe				4	-	March 3, 2025
2024 CE Code Rule 8-202		1 Dwelling Unit	2 Dwelling Unit	3 Dwelling Unit		4 Dwelling Unit	5 Dwelling Unit	6 Dwelling Unit	
Identifying the total living areas - Rule 8-110. 8-202 1) a):		m²	m	[,] n	1 ²	m²	m²	m²	
i) 3500 W basic load for the first 45 \mbox{m}^2 or less of living area; plus									
ii) 1500 W for the second 45 m^2 or portion thereof; plus									
iii) 1000 W for each 90 m² or portion of the remaining area; plus									
		board at:							
first 10 kW, plus 75% for any amount over 10 kW; plus	Heat I	Pump:							
any air-conditioning loads with demand factor of 100%, subject to interlocks as per Rule 8-106 3)	S-106 3)								
▲ Electric boiler, duct heater, furnace: 100% Other:									
 v) any electric range load: 6000 W for a single range plus 40% of any amount which the rating of the range exceeds 12 kW; plus 									
vi) any electric tankless water heaters or electric water heaters for steamers, swimming pools, hot tubs, or spas with a demand factor of 100%; plus									
 vii) any electrical vehicle supply equipment loads, if they are supplied from a panelboard 	100%	EVSE:							
installed in a dwelling unit with a demand factor o		us							
viii) A) 25% of the rating of each load with a rating in excess of 1500 W, if an electric range has been provided for; viii) B) 25% of the rating of each load with a rating in excess of 1500 W plus 6000 W, if an electric range has		Dryer:							
		HWT:							
not been provided for; or		Other:							
Total Calculated Loads		W	W	/ V	v	W	W	W	
*Main Circuit Breaker – Amps			А	A		4	А	А	А
Type & size of service/feeder (A									
The calculated load for the co	ice supplying t	he dwelling	inits shall be	base	d on CE Cod	le Rule 8-202 3	3):		
100% of the unit having the heaviest load: Rule 8-202 3) a excluding any EVSE loads, electric space-heating loads, air-conditioning lo									
								requirements a	nd noteworthy
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