

Prepared by:
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Load calculation for:
170 Southwest Rose Pointe Place
Lake City FL, 32024

General load	Count	VA	Total
General lighting load	1,654 ft²	3 VA	4,962 VA
Laundry circuits	1	1,500 VA	1,500 VA
Small appliance circuits	2	1,500 VA	3,000 VA

Heating load	Count	VA	Total
Heat pump / Furnace - 9,000 W (37.5A at 240V)	1	9,000 VA	9,000 VA
Cooling load	Count	VA	Total
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Other load	Count	VA	Total
Bath / laundry fan - 50 W (0.4A at 120V)	1	50 VA	50 VA
Dishwasher - 1,200 W (10A at 120V)	1	1,200 VA	1,200 VA
Dryer - 5,000 W (20.8A at 240V)	1	5,000 VA	5,000 VA
Garage door opener - 300 W (2.5A at 120V). < 0.5hp	1	300 VA	300 VA
Microwave - 900 W (7.5A at 120V)	1	900 VA	900 VA
Range / Oven (Electric) - 6,000 W (25A at 240V)	1	6,000 VA	6,000 VA
Range hood - 300 W (2.5A at 120V)	1	300 VA	300 VA
Refrigerator - 900 W (7.5A at 120V)	1	900 VA	900 VA
Water heater (Electric) - 4,500 W (18.8A at 240V)	1	4,500 VA	4,500 VA

Final calculation

First 8,000 VA at 100%	8,000 VA
Remaining load at 40%	8,245 VA
HVAC load	9,000 VA
Total calculated load for single dwelling unit	25,245 VA

Calculated amperage (load / 240V)	105 A
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