



TRADEMARK ELECTRIC INC.
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Sizing Report

Sizing Information for:
GOLDIE HUDSON
195 SW EUPHORIA GLEN
LAKE CITY, FL, 32024

Rated Nominal Voltage 120 / 240 Single Phase
Generator Fuel Choice Liquid Propane
Sizing Method (NEC 220) Part IV

General Lighting & Receptacles		Load (kW)
Square Footage Being Covered (ft ²)	2528	7.584
Small Appliance Circuits (20 amps)		
Kitchen Circuits	2.00	3.00
Laundry Circuits	1.00	1.50

Fixed-In-Place Appliances & Motors	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
Dryer		5.50	22.92	X	5.50
Freezer		0.80	6.67		0.80
Microwave		1.25	10.42		1.25
Pool Pump		2.16	9.00	X	2.16
Range - Oven w/ Top		8.50	35.42	X	8.50
Refrigerator		0.80	6.67		0.80
Water Heater	X	5.00	20.83	X	5.00

Air Conditioning & Cooling	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
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Heating & Heat Pumps	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
Heat Pump (3 Ton)		3.00	12.50	X	3.00
Heat Pump Electric Ele...		6.96	29.00	X	6.96

Transient Requirement	Estimated (LRA)	Actual (LRA)	Utilized (LRA)
Largest Motor's Starting Amps (LRA)	86.3	0.00	86.3

Summary NEC Load	Load (kW)	NEC Required
General Lighting & Receptacles	12.084	
Fixed-in-Place Appliances & Motors	19.01	
Sum of all General Loads	31.094	18.4376
Cooling	0	0
Heating (w/demand factors)	9.96	7.5240
Larger of Heating & Cooling	9.96	7.5240

Sizing based on requirements of NEC Article 220: Part IV	25.9616
Elevation	0
Minimum size generator for motor starting requirements	14
BTU load required	330000

26 kW Generac Model Generator Recommended